Nuclear Instruments and Methods in Physics Research A 375 (1996) 673–693

ELSEVIER

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH Section A

Author index

Abramovich, A., Y. Pinhasi, V. Shterngartz, L. Gilutin, H. Kleinman, A. Eichenbaum, I.M. Yakover, M. Cohen, A. Gover, B. Levush, T.M. Antonsen and V.L. Granatstein, Measurements and simulation of the radiation build-up process in a prebunched free-electron maser oscillator . . . 375 (1996) 164
Abramovich, A., see Arensburg, A. . . . 375 (1996) ABS 1
Adamski, J.L., see Dowell, D.H. . . . 375 (1996) 108
Adamski, J.L., D.H. Dowell, T.D. Hayward, C.G. Parazzoli and A.M. Vetter, Proposed visible FEL facility at Boeing 375 (1996) 288
Al-Shamma'a, A., see Dearden, G. . . . 375 (1996) 183
Al-Shamma'a, A., see Shaw, A. . . . 375 (1996) 245
Al-Shamma'a, A., R.A. Stuart and J. Lucas, A wiggler magnet for a CW-FEM . . . 375 (1996) 424
Al-Shamma'a, A.I., see Balfour, C. . . . 375 (1996) 430
Altobelli, G., see Dattoli, G. . . . 375 (1996) 543
Amirmadhi, F., C.A. Brau, M. Mendenhall, J.R. Engholm and U. Happek, Electron bunch length measurements at the Vanderbilt FEL . . . 375 (1996) 95
Amirmadhi, F., C. Brau, K. Becker and M. Mendenhall, New autocorrelation technique for the IR FEL optical pulsewidth measurements . . . 375 (1996) 427
Anami, S., see Hayakawa, K. . . . 375 (1996) ABS 25
Antonsen, T.M., see Abramovich, A. . . . 375 (1996) 164
Antonsen, Jr., T.M., see Cheng, S. . . . 375 (1996) 160
Arai, M., see Ishizuka, H. . . . 375 (1996) 116
Arensburg, A., A. Abramovich, D. Chairman, M. Cohen, M. Draznin, A. Gover, H. Kleinman, Y. Pinhasi, J.S. Sokolowski, V. Shterngartz, I.M. Yakover, L.A. Levin, O. Shahal, A. Rosenberg, J. Shiloh and I. Schnitzer, Diagnostics and electron-optics of a high current electron beam in the Tandem free electron laser – status report 375 (1996) ABS 1
Arthur, J., see Tatchyn, R. . . . 375 (1996) 274
Asakawa, M., see Goto, M. . . . 375 (1996) 207
Asakawa, M., see Chen, J. . . . 375 (1996) 299
Asakawa, M., N. Nakao, H. Ohkubo, T. Ishida, T. Watanabe, E. Yasuda, Y. Okuda, M. Fujita, J. Chen, A. Moon, P.K. Roy, S. Kuruma, K. Imasaki, K. Mima, N. Ohigashi, Y. Tsunawaki, S. Nakai and C. Yamanaka, Multi-order harmonic lasing with a modified wiggler . . . 375 (1996) 416
Asakawa, M., see Ohigashi, N. . . . 375 (1996) 469
Asakawa, M., see Fujita, M. . . . 375 (1996) ABS 14
Asakuma, T., see Fujita, M. . . . 375 (1996) ABS 14
Austin, R.H., see Krishnaswamy, J. . . . 375 (1996) 119

Babzien, M., see Wang, X.J. . . . 375 (1996) 82
Babzien, M., I. Ben-Zvi, P. Catravas, J.-M. Fang, A. Fisher, W.S. Graves, X.Z. Qiu, Z. Segalov and X.J. Wang, Optical alignment and diagnostics for the ATF microundulator FEL oscillator . . . 375 (1996) 420
Baine, M., see Esarey, E. . . . 375 (1996) 545
Baine, M., see Ting, A. . . . 375 (1996) ABS 68
Bakker, R., see Couprie, M.E. . . . 375 (1996) 639
Balfour, C., see Shaw, A. . . . 375 (1996) 245
Balfour, C., A. Shaw, S.E. Mayhew, A.I. Al-Shamma'a, G. Dearden, J. Lucas, R.A. Stuart and J.R. Hartley, Real time diagnostics for the operation of a CW low voltage FEL . . . 375 (1996) 430
Baltay, M., see Tatchyn, R. . . . 375 (1996) 274
Bane, K., see Tatchyn, R. . . . 375 (1996) 274
Barnett, G., see Denbeaux, G. . . . 375 (1996) 644
Barnett, G.A., J.M.J. Madey, C.B. McKee, K.D. Straub and E.B. Szarmes, The Mark III IR FEL: improvements in performance and operation . . . 375 (1996) 97
Baryshevsky, V.G., K.G. Batrakov and I.Ya. Dubovskaya, Parametric X-ray FEL operating with external Bragg reflectors . . . 375 (1996) 292
Batchelor, K., see Wang, X.J. . . . 375 (1996) 82
Batrakov, K.G., see Baryshevsky, V.G. . . . 375 (1996) 292
Becker, K., see Amirmadhi, F. . . . 375 (1996) 427

0168-9002/96/$15.00 Copyright © 1996 Elsevier Science B.V. All rights reserved

Bekefi, G., see Catravas, P. 375 (1996) 412
Bekefi, G., P. Volfbeyn, I. Wilson and W. Wuensch, Studies of the 32.98 GHz CERN-CLIC high gradient accelerating structure driven by the MIT free electron laser amplifier 375 (1996) 519
Benson, S.V., J. Bisognano, C. Bohn, L. Cardman, W.B. Colson, D. Douglas, H.F. Dylla, D. Engwall, J. Fugitt, J. Goldstein, K. Jordan, D. Kehne, Z. Li, H. Liu, L. Merminga, G. Neil, D. Neuffer, M. Shinn, M. Wiseman, R. Wong and M. Xie, A status report on the development of a high power UV and IR FEL at CEBAF . . . . . 375 (1996) ABS 4
Ben-Zvi, I., see Wang, X.J. 375 (1996) 82
Ben-Zvi, I., see Babzien, M. 375 (1996) 420
Ben-Zvi, I., see Ingold, G. 375 (1996) 451
Ben-Zvi, I., see Solomon, L. . . . . 375 (1996) ABS 63
Berryman, K.W., see Crosson, E.R. 375 (1996) 87
Berryman, K.W. and T.I. Smith, First lasing, capabilities, and flexibility of FIREFLY 375 (1996) 6
Berryman, K.W., E.R. Crosson, K.N. Ricci and T.I. Smith, Coherent spontaneous radiation from highly bunched electron beams 375 (1996) 526
Berryman, K.W. and T.I. Smith, Wavelength switching in an optical klystron 375 (1996) 539
Berset, J.M., see Glotin, F. 375 (1996) 558
Berset, J.M., see Ortega, J.M. 375 (1996) 618
Berset, J.M., see Prazeres, R. . . . . 375 (1996) ABS 51
Bhattacharjee, A., see Chen, J. 375 (1996) 363
Billardon, M., see Garzella, D. 375 (1996) 39
Billardon, M., see Hara, T. 375 (1996) 67
Billardon, M., see Couprie, M.E. 375 (1996) 639
Binet, A., see Guimbal, Ph. 375 (1996) 373
Bisognano, J., see Benson, S.V. . . . . 375 (1996) ABS 4
Bisognano, J.J., see Merminga, L. . . . . 375 (1996) ABS 39
Blank, M., see Jackson, R.H. 375 (1996) 226
Blank, M., see Pershing, D.E. 375 (1996) 230
Blank, M., see Taccetti, J.M. 375 (1996) 496
Blank, M., H.P. Freund, R.H. Jackson, D.E. Pershing and J.M. Taccetti, Simulation of an annular beam free-electron laser 375 (1996) 169
Blau, J., see Wong, R.K. 375 (1996) 356
Blau, J., R.K. Wong and W.B. Colson, Optical power evolution in the Boeing 1 kW FEL oscillator 375 (1996) 358
Blau, J., see Ramos, L. . . . . 375 (1996) ABS 54
Blésès, J.P., see Guimbal, Ph. 375 (1996) 373
Bocek, D., P. Kung, H.-C. Lihn, C. Settakorn and H. Wiedemann, Observation of SASE at 47 μm 375 (1996) 13
Bogachenkov, V.A., see Kaminsky, A.K. 375 (1996) 215
Bohn, C., see Benson, S.V. . . . . 375 (1996) ABS 4
Bongers, W.A., see Urbanus, W.H. 375 (1996) 401
Bonifacio, R., see Tatchyn, R. 375 (1996) 274
Bossart, R., H. Braun, M. Dehler and J.-C. Godot, A 3 GHz photoelectron gun for high beam intensity . . . . . 375 (1996) ABS 7
Botman, J.I.M., see Ernst, G.J. 375 (1996) 26
Botton, M., see Kleckner, M. . . . . 375 (1996) ABS 27
Bouman, A.F.M., see Ernst, G.J. 375 (1996) 26
Bourguignon, B., see Peremans, A. 375 (1996) 657
Boyce, R., see Tatchyn, R. 375 (1996) 274
Bratman, V.L., G.G. Denisov, B.D. Kol'chugin, S.V. Samsonov and A.B. Volkov, High-efficiency CARM 375 (1996) 360
Bratman, V.L., see Peskov, N.Yu. 375 (1996) 377
Bratman, V.L., see Samsonov, S.V. 375 (1996) 393
Brau, C., see Amirmadhi, F. 375 (1996) 427
Brau, C.A., see Amirmadhi, F. 375 (1996) 95
Braun, H., see Bossart, R. . . . . 375 (1996) ABS 7
Brefeld, W., B. Faatz, Yu.M. Nikitina, J. Pflüger, P. Pierini, J. Roßbach, E.L. Saldin, E.A. Schneidmiller and M.V. Yurkov, Parameter study of the VUV FEL at the TESLA Test Facility 375 (1996) 295
Buck, M., see Peremans, A. 375 (1996) 657
Bulfone, D., see Walker, R.P. 375 (1996) 252
Burnham, B., see Litvinenko, V.N. 375 (1996) 46
Burnham, B., see Wu, Y. 375 (1996) 74
Burris, R., see Ting, A. . . . . 375 (1996) ABS 68

Caplan, M., M. Valentini, C. Van Der Geer and W. Urbanus, Design and characterization of the DC acceleration and transport system required for the 1 MW Free Electron Maser experiment 375 (1996) 91
Caplan, M., see Tulupov, A.V. . . . . 375 (1996) ABS 71

Cardman, L., see Benson, S.V. . . . 375 (1996) ABS 4
Cargnello, F., see Walker, R.P. . . . 375 (1996) 252
Carlsten, B.E., C.M. Fortgang, J.M. Potter, M.V. Fazio, W.B. Haynes and L.M. May, Microwave axial free-electron laser with enhanced phase stability . . . 375 (1996) 171
Carlsten, B.E., see Nguyen, D.C. . . . 375 (1996) 597
Carrez, S., see Peremans, A. . . . 375 (1996) 657
Caspi, S., see Tatchyn, R. . . . 375 (1996) 274
Caspi, S. and C. Taylor, An experimental superconducting helical undulator . . . 375 (1996) 433
Castellano, M., see Walker, R.P. . . . 375 (1996) 252
Catravas, P., R. Stoner and G. Bekefi, Characteristics of the MIT microwiggler for free electron laser applications . . . 375 (1996) 412
Catravas, P., see Babzien, M. . . . 375 (1996) 420
Caudano, Y., see Peremans, A. . . . 375 (1996) 657
Cevenini, F., see Walker, R.P. . . . 375 (1996) 252
Cha, B.H., see Lee, B.C. . . . 375 (1996) 28
Cha, B.H., see Cho, S.O. . . . 375 (1996) ABS 9
Chairman, D., see Cohen, M. . . . 375 (1996) 17
Chairman, D., see Arensburg, A. . . . 375 (1996) ABS 1
Chaix, P., see Piovella, N. . . . 375 (1996) 156
Challenger, M.P., see Robinson, K.E. . . . 375 (1996) 407
Chaput, R., see Ortega, J.M. . . . 375 (1996) 618
Chen, J., K. Imasaki, M. Fujita, M. Asakawa, C. Yamanaka, K. Mima and S. Nakai, 13 nm advanced SASE free electron laser with a quasi-stable optical klystron configuration . . . 375 (1996) 299
Chen, J. and A. Bhattacharjee, Sideband elimination and high efficiencies in a strongly tapered free-electron laser amplifier . . . 375 (1996) 363
Chen, J., see Asakawa, M. . . . 375 (1996) 416
Chen, J., see Fujita, M. . . . 375 (1996) ABS 14
Chen, J.E., see Zhao, K. . . . 375 (1996) 147
Chen, X., see Fu, L. . . . 375 (1996) 112
Cheng, S., V.L. Granatstein, W.W. Destler, B. Levush, J. Rodgers and T.M. Antonsen, Jr, Experimental study of high-power, saturated amplification in a sheet-beam, small-period-wiggler FEL (with applications to magnetic fusion research) . . . 375 (1996) 160
Chiwaki, M., see Yokoyama, M. . . . 375 (1996) 53
Chiwaki, M., see Ohgaki, H. . . . 375 (1996) 602
Cho, S.O., see Lee, B.C. . . . 375 (1996) 28
Cho, S.O., see Kim, S.K. . . . 375 (1996) 219
Cho, S.O., Y.U. Jeong, B.C. Lee, S.K. Kim, B.H. Cha, J. Lee and K.H. Chung, Investigation of electron beam transport in a helical undulator . . . 375 (1996) ABS 9
Choi, D.-I., see Choi, J.-S. . . . 375 (1996) 175
Choi, D.-I., see Choi, J.-S. . . . 375 (1996) 367
Choi, D.-I., see Choi, J.-S. . . . 375 (1996) 370
Choi, J.-S., E.-G. Heo, B.-H. Hong and D.-I. Choi, Nonlinear saturation characteristics of a dielectric Cherenkov maser . . . 375 (1996) 175
Choi, J.-S., E.-G. Heo, B.-H. Hong and D.-I. Choi, Nonlinear theory of a plasma Cherenkov maser . . . 375 (1996) 367
Choi, J.-S., E.-G. Heo, S.-H. Lee and D.-I. Choi, The magnetoresonance operation of microwiggler using a piezoelectric with a strong magnetic guide field . . . 375 (1996) 370
Chung, K.H., see Cho, S.O. . . . 375 (1996) ABS 9
Ciocci, F., see Walker, R.P. . . . 375 (1996) 252
Cohen, M., see Abramovich, A. . . . 375 (1996) 164
Cohen, M., see Arensburg, A. . . . 375 (1996) ABS 1
Cohen, M., A. Eichenbaum, H. Kleinman, D. Chairman and A. Gover, Report on first masing and single-mode locking in a prebunched beam FEM oscillator . . . 375 (1996) 17
Colson, W.B., see Wong, R.K. . . . 375 (1996) 356
Colson, W.B., see Blau, J. . . . 375 (1996) 358
Colson, W.B., Short wavelength free electron lasers in 1996 . . . 375 (1996) 669
Colson, W.B., see Mabe, R.M. . . . 375 (1996) ABS 34
Colson, W.B., see Benson, S.V. . . . 375 (1996) ABS 4
Colson, W.B., see Ramos, L. . . . 375 (1996) ABS 54
Colson, W.B., see Small, D.W. . . . 375 (1996) ABS 61
Corlier, M., see Marcouillé, O. . . . 375 (1996) 465
Cornacchia, M., see Neuffer, D. . . . 375 (1996) 123
Cornacchia, M., see Tatchyn, R. . . . 375 (1996) 274
Couprie, M.-E., see Hama, H. . . . 375 (1996) 32

Couprie, M.E., see Garzella, D. . . . 375 (1996) 39
Couprie, M.E., see Hara, T. . . . 375 (1996) 67
Couprie, M.E., R. Bakker, D. Garzella, L. Nahn, M. Marsi, F. Mérola, T. Hara and M. Billardon, Source challenges resulting from the first applications of a UV storage ring FEL on Super-ACO . . . 375 (1996) 63
Cremer, T., see Tatchyn, R. . . . 375 (1996) 27
Cremer, T., W.R. Nelson and R. Tatchyn, Initial studies of electromagnetic shower energy deposition in small-bore superconducting undulator structures in linac environments . . . 375 (1996) 43
Crosson, E.R., K.W. Berryman, B.A. Richman, T.I. Smith and R.L. Swent, The determination of an electron beam's longitudinal phase space distribution through the use of phase-energy measurements . . . 375 (1996) 87
Crosson, E.R., see Berryman, K.W. . . . 375 (1996) 52
Cutolo, A., see Walker, R.P. . . . 375 (1996) 25

D'Auria, G., see Walker, R.P. . . . 375 (1996) 25
Daclon, F., see Walker, R.P. . . . 375 (1996) 25
Dattoli, G. and A. Renieri, Dynamical aspects of FEL interaction in single passage and storage ring devices . . . 375 (1996) 1
Dattoli, G., see Walker, R.P. . . . 375 (1996) 25
Dattoli, G., L. Giannessi, A. Torre, G. Altobelli and J. Gallardo, Compton backscattering of intracavity storage ring free-electron laser radiation . . . 375 (1996) 54
De Angelis, A., see Walker, R.P. . . . 375 (1996) 25
de Brion, J.P., see Dowell, D.H. . . . 375 (1996) 10
de Kroon, S., see Urbanus, W.H. . . . 375 (1996) 40
De Salvo, L., see Tatchyn, R. . . . 375 (1996) 27
Dearden, G., S.E. Mayhew, J. Lucas and R.A. Stuart, Spontaneous emission measurements from a low voltage pre-bunched electron beam . . . 375 (1996) 17
Dearden, G., S.E. Mayhew, J. Lucas, R.A. Stuart, J.R. Hartley, A. Shaw and A. Al-Shamma'a, Gain measurements on a waveguide FEL amplifier with pre-bunched electron beam . . . 375 (1996) 18
Dearden, G., see Balfour, C. . . . 375 (1996) 43
Dehler, M., see Bossart, R. . . . 375 (1996) ABS 7
Delahaye, J.-P., see Dolbilov, G.V. . . . 375 (1996) 10
Delayen, J.R., see Merminga, L. . . . 375 (1996) ABS 39
DELTA Group, see Nölle, D. . . . 375 (1996) ABS 48
Denbeaux, G., K.D. Straub, J.M.J. Madey, P.G. O'Shea, V. Litvinenko, E. Szarmes and G. Barnett, Picosecond pump-probe using an FEL and a synchrotron source . . . 375 (1996) 644
Denisov, G.G., see Bratman, V.L. . . . 375 (1996) 36
Denisov, G.G., see Peskov, N.Yu. . . . 375 (1996) 37
Destler, W.W., see Cheng, S. . . . 375 (1996) 16
Dipace, A., see Walker, R.P. . . . 375 (1996) 25
Dolbilov, G.V., J.-P. Delahaye, A.A. Fateev, I.I. Golubev, I.N. Ivanov, C.D. Johnson, V.V. Kosukhin, N.I. Lebedev, V.A. Petrov, V.N. Razuvakin, E.L. Saldin, E.A. Schneidmiller, V.S. Shvetsov and M.V. Yurkov, JINR test facility for studies FEL bunching technique for CLIC driving beam . . . 375 (1996) 10
Doria, A., see Walker, R.P. . . . 375 (1996) 25
Doria, A., G.P. Gallerano, E. Giovenale, M.F. Kimmitt and G. Messina, The ENEA F-CUBE facility: trends in RF driven compact FELs and related diagnostics . . . 375 (1996) ABS 11
Douglas, D., see Neuffer, D. . . . 375 (1996) 12
Douglas, D., see Benson, S.V. . . . 375 (1996) ABS 4
Dowell, D.H., S. Joly, J.P. De Brion, G. Haouat and A. Loulergue, Longitudinal phase space experiments on the ELSA photoinjector . . . 375 (1996) 10
Dowell, D.H., J.L. Adamski, T.D. Hayward, C.G. Parazzoli and A.M. Vetter, The Boeing photocathode accelerator magnetic pulse compression and energy recovery experiment . . . 375 (1996) 10
Dowell, D.H., see Adamski, J.L. . . . 375 (1996) 28
Draggnea, B., see Peremans, A. . . . 375 (1996) 65
Draznin, M., see Arensburg, A. . . . 375 (1996) ABS 1
Drori, R., see Shahadi, A. . . . 375 (1996) 14
Drori, R., E. Jerby, A. Shahadi, M. Einat and M. Sheinin, Free-electron maser operation at the 1 GHz/1 keV regime . . . 375 (1996) 18
Du, T.-b., see Fu, L. . . . 375 (1996) 11
Dubost, H., see Peremans, A. . . . 375 (1996) 65
Dubovskaya, I.Ya., see Baryshevsky, V.G. . . . 375 (1996) 29
Dylla, H.F., see Benson, S.V. . . . 375 (1996) ABS 4

Ebihara, K., see Saito, K. . . . 375 (1996) 23
Eecen, P.J., T.J. Schep and A.V. Tulupov, Spectral dynamics of a collective free electron maser . . . 375 (1996) 19

Eichenbaum, A., see Cohen, M. . . . 375 (1996) 17
Eichenbaum, A., see Abramovich, A. . . . 375 (1996) 164
Einat, M., E. Jerby and A. Shahadi, Dielectric-loaded free-electron maser in a stripline structure . . . 375 (1996) 21
Einat, M., see Drori, R. . . . 375 (1996) 186
Elias, L., see Tecimer, M. . . . 375 (1996) 348
Elias, L.R., see Tesch, P.P. . . . 375 (1996) 504
Elias, L.R., see Kimel, I. . . . 375 (1996) 565
Elton, R., see Ting, A. . . . 375 (1996) ABS 68
Engholm, J.R., see Amirmadhi, F. . . . 375 (1996) 95
Engwall, D., see Benson, S.V. . . . 375 (1996) ABS 4
Enomoto, A., see Hayakawa, K. . . . 375 (1996) ABS 25
Erg, G.I., see Vinokurov, N.A. . . . 375 (1996) 403
Ernst, G.J., J.W.J. Verschuur, B.M. Van Oerle, A.F.M. Bouman, J.I.M. Botman, H.L. Hagedoorn and W.J. Witteman, First lasing of TEUFEL . . . 375 (1996) 26
Esarey, E., S.K. Ride, M. Baine, A. Ting and P. Sprangle, Nonlinear Thomson scattering for off-axis interaction geometries . . . 375 (1996) 545
Esarey, E., see Ting, A. . . . 375 (1996) ABS 68
Evans, K., see Ting, A. . . . 375 (1996) ABS 68

Faatz, B., see Brefeld, W. . . . 375 (1996) 295
Faatz, B., J. Pflüger and P. Pierini, Dependence of the VUV-FEL performance at the TESLA Test Facility on magnetic field errors . . . 375 (1996) 441
Fang, J.-M., see Babzien, M. . . . 375 (1996) 420
Fateev, A.A., see Dolbilov, G.V. . . . 375 (1996) 100
Fawley, W., see Tatchyn, R. . . . 375 (1996) 274
Fawley, W.M., see Pierini, P. . . . 375 (1996) 332
Fawley, W.M., "Optical guiding" limits on extraction efficiencies of single-pass, tapered wiggler amplifiers . . . 375 (1996) 550
Fazio, M.V., see Carlsten, B.E. . . . 375 (1996) 171
Feldman, D., see Krishnaswamy, J. . . . 375 (1996) 119
Feng, Y., see Ponds, M.L. . . . 375 (1996) 136
Ferianis, M., see Walker, R.P. . . . 375 (1996) 252
Fischer, R., see Ting, A. . . . 375 (1996) ABS 68
Fisher, A., see Tatchyn, R. . . . 375 (1996) 274
Fisher, A., see Babzien, M. . . . 375 (1996) 420
Fisher, A., see Ting, A. . . . 375 (1996) ABS 68
Fontenay, V., see Guimbal, Ph. . . . 375 (1996) 373
Fortgang, C.M., see Carlsten, B.E. . . . 375 (1996) 171
Freund, H.P., see Blank, M. . . . 375 (1996) 169
Freund, H.P., see Jackson, R.H. . . . 375 (1996) 226
Freund, H.P., see Pershing, D.E. . . . 375 (1996) 230
Freund, H.P., Non-wiggler-averaged theory of short wavelength free-electron lasers . . . 375 (1996) 284
Freund, H.P. and L.H. Yu, Electron trajectories in a self-consistent wiggler field composed of a dipole lattice . . . 375 (1996) 304
Freund, H.P., see Taccetti, J.M. . . . 375 (1996) 496
Freund, H.P. and V.L. Granatstein, Long wavelength free-electron lasers in 1995 . . . 375 (1996) 665
Fu, L., T.-b. Du, X. Chen, H. Tian and N.-q. Liu, The primary test of measuring system for the actual emittance of relativistic electron beams . . . 375 (1996) 112
Fu, S., see Yang, T. . . . 375 (1996) ABS 77
Fugitt, J., see Benson, S.V. . . . 375 (1996) ABS 4
Fujioka, T., see Shiho, M. . . . 375 (1996) 396
Fujita, M., see Chen, J. . . . 375 (1996) 299
Fujita, M., see Asakawa, M. . . . 375 (1996) 416
Fujita, M., see Ohigashi, N. . . . 375 (1996) 469
Fujita, M., A. Moon, E. Yasuda, T. Asakuma, T. Minamiguchi, M. Asakawa, J. Chen, K. Imasaki, C. Yamanaka, P.K. Roy, K. Mima, S. Nakai, N. Nakao, T. Ishida, T. Watanabe, N. Ohigashi, Y. Tsunawaki, Y. Yamazaki and M. Sakuma, Applications of enhanced Compton scattering in a supercavity . . . 375 (1996) ABS 14
Fukuda, S., see Hayakawa, K. . . . 375 (1996) ABS 25
Furukawa, H., K. Mima, Y. Sentoku, S. Kuruma, K. Imasaki and C. Yamanaka, Integrated computer simulation on FIR FEL dynamics . . . 375 (1996) 194

Gallagher, J., see Tesch, P.P. . . . 375 (1996) 504
Gallardo, J., see Dattoli, G. . . . 375 (1996) 543

Gallerano, G.P., see Walker, R.P. . . . 375 (1996) 252
Gallerano, G.P., see Doria, A. . . . 375 (1996) ABS 11
Garosi, F., see Walker, R.P. . . . 375 (1996) 252
Garren, A., see Neuffer, D. . . . 375 (1996) 123
Garzella, D., M.E. Couprie and M. Billardon, Lasing at 300 nm and below: optical challenges and perspectives . . . 375 (1996) 39
Garzella, D., see Couprie, M.E. . . . 375 (1996) 639
Gavrilov, N.G., see Vinokurov, N.A. . . . 375 (1996) 403
Geisler, A., D. Nölle, M. Ridder and T. Schmidt, Experience on the operation of the 2-in-1 electromagnetic undulator of FELICITA-I . . . 375 (1996) 445
Geisler, A., see Schmidt, T. . . . 375 (1996) ABS 56
Geng, R.L., see Zhao, K. . . . 375 (1996) 147
Giannessi, L. and L. Mezi, Saturation and pulsed FEL dynamics . . . 375 (1996) 198
Giannessi, L., see Walker, R.P. . . . 375 (1996) 252
Giannessi, L., see Dattoli, G. . . . 375 (1996) 543
Giannini, M., see Walker, R.P. . . . 375 (1996) 252
Gillespie, W.A., see MacLeod, A.M. . . . 375 (1996) ABS 36
Gilutin, L., see Abramovich, A. . . . 375 (1996) 164
Ginzburg, N.S., A.S. Sergeev, N.Yu. Peskov, I.V. Konoplev, G.R.M. Robb and A.D.R. Phelps, Mode competition and control in free electron lasers with one and two dimensional Bragg resonators . . . 375 (1996) 202
Ginzburg, N.S., see Kaminsky, A.K. . . . 375 (1996) 215
Ginzburg, N.S., see Peskov, N.Yu. . . . 375 (1996) 377
Ginzburg, N.S., see Robb, G.R.M. . . . 375 (1996) 535
Ginzburg, N.S., I.V. Konoplev, I.V. Zotova, A.S. Sergeev, V.G. Shpak, M.I. Yalandin, S.A. Shunailov and M.R. Ulmaskulov, Superradiance of short electron pulses in waveguides . . . 375 (1996) 553
Giovenale, E., see Walker, R.P. . . . 375 (1996) 252
Giovenale, E., see Doria, A. . . . 375 (1996) ABS 11
Glotin, F., see Jaroszynski, D.A. . . . 375 (1996) 456
Glotin, F., J.M. Berset, D. Jaroszynski, O. Marcouillé, J.M. Ortega, A. Peremans, R. Prazeres and W.Q. Zheng, Short pulses and broadband measurement by autocorrelation with a sum-frequency generation setup . . . 375 (1996) 558
Glotin, F., see Ortega, J.M. . . . 375 (1996) 618
Glotin, F., see Jaroszynski, D.A. . . . 375 (1996) 647
Glotin, F., see Prazeres, R. . . . 375 (1996) ABS 51
Godot, J.-C., see Bossart, R. . . . 375 (1996) ABS 7
Goldstein, J., see Benson, S.V. . . . 375 (1996) ABS 4
Goloviznin, V.V. and P.W. van Amersfoort, Ultrahigh harmonic generation in a FEL with a seed laser . . . 375 (1996) 309
Goloviznin, V.V. and P.W. van Amersfoort, Small-signal gain in a gas-loaded FEL . . . 375 (1996) ABS 17
Golubev, I.I., see Dolbilov, G.V. . . . 375 (1996) 100
Gorniker, E.I., see Vinokurov, N.A. . . . 375 (1996) 403
Goto, M., S. Kuruma, K. Mima, M. Asakawa, K. Imasaki and C. Yamanaka, Simulation of a waveguide FEL oscillator using an RF linac . . . 375 (1996) 207
Gottschalk, S.C., see Robinson, K.E. . . . 375 (1996) 407
Gover, A., see Cohen, M. . . . 375 (1996) 17
Gover, A., see Abramovich, A. . . . 375 (1996) 164
Gover, A., see Pinhasi, Y. . . . 375 (1996) 233
Gover, A., see Yakover, I.M. . . . 375 (1996) 260
Gover, A., see Arensburg, A. . . . 375 (1996) ABS 1
Granatstein, V.L., see Cheng, S. . . . 375 (1996) 160
Granatstein, V.L., see Abramovich, A. . . . 375 (1996) 164
Granatstein, V.L., see Taccetti, J.M. . . . 375 (1996) 496
Granatstein, V.L., see Freund, H.P. . . . 375 (1996) 665
Graves, W.S., see Babzien, M. . . . 375 (1996) 420
Graves, W.S., see Solomon, L. . . . 375 (1996) ABS 63
Gubankov, V.V., S.N. Ivanchenkov, N.S. Osmanov, S.V. Tolmachev, A.A. Varfolomeev and V.F. Pavluchenkov, KIAE-1.5–3 undulator performance . . . 375 (1996) 448
Guimbal, Ph., A. Binet, J.P. Blésès, V. Fontenay, S. Joly, A. Loulergue, J.G. Marmouget, Y. Pranal, J. Rodolfo, F. Sabary, S. Striby and D. Touati, Status of the ELSA facility. Last results at high efficiency and first test of a 60 parameters, on line tunable wiggler . . . 375 (1996) 373
Guyot-Sionnest, P., see Peremans, A. . . . 375 (1996) 657

Hafizi, B. and C.W. Roberson, Kinetic theory of free electron lasers . . . 375 (1996) 78
Hafizi, B., see Ting, A. . . . 375 (1996) ABS 68
Hagedoorn, H.L., see Ernst, G.J. . . . 375 (1996) 26

Hahn, R., see Renz, G. . . . 375 (1996) 381
Hahn, S.-J., see Tatchyn, R. . . . 375 (1996) 274
Hajima, R. and F. Matsuura, Advanced optimization of permanent magnet wigglers using genetic algorithm . . . . 375 (1996) ABS 19
Halbach, K., see Tatchyn, R. . . . 375 (1996) 274
Hama, H., K. Kimura, J. Yamazaki, S. Takano, T. Kinoshita and M.-E. Couprie, Microscopic study on lasing characteristics of the UVSOR storage ring free electron laser 375 (1996) 32
Hama, H., A helical optical klystron for an UV-FEL project at the UVSOR 375 (1996) 57
Hama, H., see Kimura, K. . . . 375 (1996) 62
Hamada, S., see Yokoyama, M. . . . 375 (1996) 53
Haouat, G., see Dowell, D.H. . . . 375 (1996) 104
Happek, U., see Amirmadhi, F. . . . 375 (1996) 95
Hara, T., M.E. Couprie and M. Billardon, Temporal and spectral evolution of a storage ring FEL source: experimental results on Super-ACO and new theoretical approach 375 (1996) 67
Hara, T., see Couprie, M.E. . . . 375 (1996) 639
Hartley, J.R., see Dearden, G. . . . 375 (1996) 183
Hartley, J.R., see Balfour, C. . . . 375 (1996) 430
Hartley, R., I. Lehrman and J. Krishnaswamy, Feed forward control: an implementation at CIRFEL . . . . 375 (1996) ABS 22
Hartley, R.A., see Krishnaswamy, J. . . . 375 (1996) 119
Hashimoto, S. and K. Takayama, Nonlinear resonances in a multi-stage free electron laser amplifier 375 (1996) 562
Hayakawa, K., T. Tanaka, Y. Torizuka, K. Sato, Y. Matsubara, I. Kawakami, I. Sato, S. Fukuda, S. Anami, T. Kurihara, T. Kamitani, S. Ohsawa, A. Enomoto, S. Toyama, M. Nomura, Y. Yamazaki, T. Yamazaki, K. Yamada, M. Ikezawa, Y. Sibata and M. Oyamada, Construction and development of an UV free electron laser under the cooperation of Nihon U., KEK, PNC, ETL and Tohoku U. . . . 375 (1996) ABS 25
Haynes, W.B., see Carlsten, B.E. . . . 375 (1996) 171
Hayward, T.D., see Dowell, D.H. . . . 375 (1996) 108
Hayward, T.D., see Adamski, J.L. . . . 375 (1996) 288
Heo, E.-G., see Choi, J.-S. . . . 375 (1996) 175
Heo, E.-G., see Choi, J.-S. . . . 375 (1996) 367
Heo, E.-G., see Choi, J.-S. . . . 375 (1996) 370
Hernandez, M., see Tatchyn, R. . . . 375 (1996) 274
Hiramatsu, S., see Saito, K. . . . 375 (1996) 237
Honda, Y., see Okuda, S. . . . 375 (1996) 329
Hong, B.-H., see Choi, J.-S. . . . 375 (1996) 175
Hong, B.-H., see Choi, J.-S. . . . 375 (1996) 367
Hooper, B.A. and J.M.J. Madey, Shaping pulses using frequency conversion with a modulated picosecond free electron laser 375 (1996) 210
Huang, Y., see Wang, M.C. . . . 375 (1996) 143
Humbert, G., see Marcouillé, O. . . . 375 (1996) 465
Humbert, G., see Ortega, J.M. . . . 375 (1996) 618

Ikezawa, M., see Hayakawa, K. . . . 375 (1996) ABS 25
Imasaki, K., see Furukawa, H. . . . 375 (1996) 194
Imasaki, K., see Goto, M. . . . 375 (1996) 207
Imasaki, K., see Chen, J. . . . 375 (1996) 299
Imasaki, K., see Asakawa, M. . . . 375 (1996) 416
Imasaki, K., see Ohigashi, N. . . . 375 (1996) 469
Imasaki, K., see Fujita, M. . . . 375 (1996) ABS 14
Ingold, G., I. Ben-Zvi, L. Solomon and M. Woodle, Fabrication of a high-field short-period superconducting undulator 375 (1996) 451
Ishida, S., see Okuda, S. . . . 375 (1996) 329
Ishida, T., see Asakawa, M. . . . 375 (1996) 416
Ishida, T., see Ohigashi, N. . . . 375 (1996) 469
Ishida, T., see Fujita, M. . . . 375 (1996) ABS 14
Ishizuka, H., A. Watanabe, M. Shiho, S. Kawasaki, J. Itoh, M. Arai, H. Shimawaki and K. Yokoo, Beam extraction experiment with field-emission arrays 375 (1996) 116
Ishizuka, H., see Shiho, M. . . . 375 (1996) 396
Isoyama, G., see Okuda, S. . . . 375 (1996) 329
Itoh, J., see Ishizuka, H. . . . 375 (1996) 116
Ivanchenkov, S.N., see Gubankov, V.V. . . . 375 (1996) 448
Ivanov, I.N., see Dolbilov, G.V. . . . 375 (1996) 100

Jackel, S., see Ting, A. . . . 375 (1996) ABS 68

Jackson, R.H., see Blank, M. . . . 375 (1996) 169
Jackson, R.H., M. Blank, H.P. Freund, D.E. Pershing and J.M. Tacetti, Design of a far-infrared CHI wiggler free-electron laser . . . 375 (1996) 226
Jackson, R.H., see Pershing, D.E. . . . 375 (1996) 230
Jackson, R.H., see Taccetti, J.M. . . . 375 (1996) 496
Jaroszynski, D., see Piovella, N. . . . 375 (1996) 156
Jaroszynski, D., see Glotin, F. . . . 375 (1996) 558
Jaroszynski, D., see Ortega, J.M. . . . 375 (1996) 618
Jaroszynski, D., see Prazeres, R. . . . 375 (1996) ABS 51
Jaroszynski, D.A., R. Prazeres, F. Glotin, O. Marcouillé and J.M. Ortega, Coherent harmonic production using a two-section undulator FEL . . . 375 (1996) 456
Jaroszynski, D.A., R. Prazeres, F. Glotin, O. Marcouillé, J.M. Ortega, D. Oepts, A.F.G. Van der Meer, G.M.H. Knippels and P.W. Van Amersfoort, Step-tapered operation of the FEL: efficiency enhancement and two-colour operation . . . 375 (1996) 647
Jeong, Y.U., see Lee, B.C. . . . 375 (1996) 28
Jeong, Y.U., see Kim, S.K. . . . 375 (1996) 219
Jeong, Y.U., see Cho, S.O. . . . 375 (1996) ABS 9
Jerby, E., see Einat, M. . . . 375 (1996) 21
Jerby, E., see Shahadi, A. . . . 375 (1996) 140
Jerby, E., see Drori, R. . . . 375 (1996) 186
Jerby, E., see Korol, M. . . . 375 (1996) 222
Johnson, C.D., see Dolbilov, G.V. . . . 375 (1996) 100
Joly, P., see Ortega, J.M. . . . 375 (1996) 618
Joly, S., see Dowell, D.H. . . . 375 (1996) 104
Joly, S., see Guimbal, Ph. . . . 375 (1996) 373
Jordan, K., see Benson, S.V. . . . 375 (1996) ABS 4

Kakuno, K., see Miyauchi, Y. . . . 375 (1996) ABS 42
Kaminsky, A.A., see Kaminsky, A.K. . . . 375 (1996) 215
Kaminsky, A.K., A.A. Kaminsky, V.P. Sarantsev, S.N. Sedykh, A.P. Sergeev, N.S. Ginzburg, N.Yu. Peskov, A.S. Sergeev and V.A. Bogachenkov, High efficiency FEL-oscillator with Bragg resonator operated in the reversed guide field regime . . . 375 (1996) 215
Kamitani, T., see Hayakawa, K. . . . 375 (1996) ABS 25
Kando, M., see Nakajima, K. . . . 375 (1996) 593
Kang, Y.W., see Nassiri, A. . . . 375 (1996) ABS 46
Kato, R., see Okuda, S. . . . 375 (1996) 329
Kawai, M., see Yokoyama, M. . . . 375 (1996) 53
Kawakami, I., see Hayakawa, K. . . . 375 (1996) ABS 25
Kawakubo, T., see Nakajima, K. . . . 375 (1996) 593
Kawasaki, S., see Ishizuka, H. . . . 375 (1996) 116
Kawasaki, S., see Shiho, M. . . . 375 (1996) 396
Kayran, D.A. and N.A. Vinokurov, On the spectrum of an optical klystron in the oscillation mode . . . 375 (1996) 311
Kehne, D., see Benson, S.V. . . . 375 (1996) ABS 4
Kergosien, B., see Ortega, J.M. . . . 375 (1996) 618
Kikuzawa, N., see Sugimoto, M. . . . 375 (1996) ABS 65
Kim, K.-J., see Tatchyn, R. . . . 375 (1996) 274
Kim, K.-J., M. Xie and C. Pellegrini, Effects of undulator interruptions on the performance of high-gain FEL amplifiers . . . 375 (1996) 314
Kim, K.-J., M. Xie and A.M. Sessler, An FEL scheme for generating high-power optical beams for gamma–gamma colliders based on chirped pulse amplification techniques . . . 375 (1996) 523
Kim, S.K., see Lee, B.C. . . . 375 (1996) 28
Kim, S.K., see Cho, S.O. . . . 375 (1996) ABS 9
Kimel, I. and L.R. Elias, The role of radiation reaction in Lienard–Wiechert description of FEL interaction . . . 375 (1996) 565
Kimmitt, M.F., see Doria, A. . . . 375 (1996) ABS 11
Kimura, K., see Hama, H. . . . 375 (1996) 32
Kimura, K., J. Yamazaki, S. Takano, T. Kinoshita and H. Hama, Gain narrowing of spectral and temporal widths in the UVSOR-FEL . . . 375 (1996) 62
Kim, S.K., Y.U. Jeong, S.O. Cho, B.C. Lee and J. Lee, 2-D simulation of the waveguide free-electron laser with a helical undulator . . . 375 (1996) 219
Kinoshita, T., see Hama, H. . . . 375 (1996) 32
Kinoshita, T., see Kimura, K. . . . 375 (1996) 62
Kishiro, J., see Saito, K. . . . 375 (1996) 237

Kishiro, J., see Shiho, M. . . . 375 (1996) 396
Kleckner, M., A. Ron and M. Botton, Van der Pol model of a Cherenkov maser . . . 375 (1996) ABS 27
Kleinman, H., see Cohen, M. . . . 375 (1996) 17
Kleinman, H., see Abramovich, A. . . . 375 (1996) 164
Kleinman, H., see Arensburg, A. . . . 375 (1996) ABS 1
Knippels, G.M.H., see Jaroszynski, D.A. . . . 375 (1996) 647
Knippels, G.M.H., see MacLeod, A.M. . . . 375 (1996) ABS 36
Knippels, G.M.H., see Weits, H.H. . . . 375 (1996) ABS 75
Knippels, G.M.H., A.F.G. Van der Meer, R.F.X.A.M. Mols, D. Oepts and P.W. Van Amersfoort, Generation of frequency-chirped optical pulses with FELIX . . . 375 (1996) 150
Kobayashi, A., see Saeki, K. . . . 375 (1996) 10
Kobayashi, A., K. Saeki, E. Oshita, S. Okuma, K. Wakita, A. Zako, A. Koga, Y. Miyauchi, A. Nagai, M. Yasumoto and T. Tomimasu, Optical property of infrared-FELs at the FELI . . . 375 (1996) 317
Kobayashi, A., see Tomimasu, T. . . . 375 (1996) 626
Kobayashi, A., see Okuma, S. . . . 375 (1996) 654
Koga, A., see Kobayashi, A. . . . 375 (1996) 317
Koga, A., see Tomimasu, T. . . . 375 (1996) 626
Koga, A., see Miyauchi, Y. . . . 375 (1996) ABS 42
Koga, A., see Zako, A. . . . 375 (1996) ABS 80
Kol'chugin, B.D., see Bratman, V.L. . . . 375 (1996) 360
Kol'chugin, B.D., see Peskov, N.Yu. . . . 375 (1996) 377
Koltsov, A.V. and A.V. Serov, Radiation harmonic generation by reflecting plane electron beam from inhomogeneous linear polarized electromagnetic wave . . . 375 (1996) 569
Konoplev, I.V., see Ginzburg, N.S. . . . 375 (1996) 202
Konoplev, I.V., see Ginzburg, N.S. . . . 375 (1996) 553
Korol, M. and E. Jerby, Quasi-anomalous Doppler effect in a periodic-waveguide cyclotron maser . . . 375 (1996) 222
Kosukhin, V.V., see Dolbilov, G.V. . . . 375 (1996) 100
Krinsky, S., see Solomon, L. . . . 375 (1996) ABS 63
Krishnagopal, S. and V. Kumar, Three-dimensional study of the multi-cavity free-electron laser . . . 375 (1996) 572
Krishnagopal, S., V. Kumar and S.S. Ramamurthi, Plans for a far-infrared free-electron laser in India . . . 375 (1996) ABS 30
Krishnaswamy, J., I.S. Lehrman, R.A. Hartley, M.F. Reusch, A.M.M. Todd, R.H. Austin and D. Feldman, Beam diagnostics and modeling in CIRFEL . . . 375 (1996) 119
Krishnaswamy, J., see Hartley, R. . . . 375 (1996) ABS 22
Krushelnick, K., see Ting, A. . . . 375 (1996) ABS 68
Kulipanov, G.N., see Vinokurov, N.A. . . . 375 (1996) 403
Kulipanov, G.N., A.S. Sokolov and N.A. Vinokurov, Coherent undulator radiation of an electron beam, microbunched for the FEL power outcoupling . . . 375 (1996) 576
Kumar, V., see Krishnagopal, S. . . . 375 (1996) 572
Kumar, V., see Krishnagopal, S. . . . 375 (1996) ABS 30
Kung, P., see Bocek, D. . . . 375 (1996) 13
Kuptsov, I.V., see Vinokurov, N.A. . . . 375 (1996) 403
Kurihara, T., see Hayakawa, K. . . . 375 (1996) ABS 25
Kurkin, G.Ya., see Vinokurov, N.A. . . . 375 (1996) 403
Kuruma, S., see Furukawa, H. . . . 375 (1996) 194
Kuruma, S., see Goto, M. . . . 375 (1996) 207
Kuruma, S., see Asakawa, M. . . . 375 (1996) 416
Kuruma, S.-i., see Ohigashi, N. . . . 375 (1996) 469
Kustom, R.L., see Nassiri, A. . . . 375 (1996) ABS 46

Lankhuijzen, G.M. and L.D. Noordam, Far-infrared streak camera . . . 375 (1996) 651
Lebedev, N.I., see Dolbilov, G.V. . . . 375 (1996) 100
Lee, B.C., S.K. Kim, Y.U. Jeong, S.O. Cho, B.H. Cha and J. Lee, First lasing of the KAERI millimeter-wave free electron laser . . . 375 (1996) 28
Lee, B.C., see Cho, S.O. . . . 375 (1996) ABS 9
Lee, B.C., see Kim, S.K. . . . 375 (1996) 219
Lee, J., see Lee, B.C. . . . 375 (1996) 28
Lee, J., see Kim, S.K. . . . 375 (1996) 219
Lee, J., see Cho, S.O. . . . 375 (1996) ABS 9
Lee, J.K., see Wang, M.C. . . . 375 (1996) 143
Lee, S.-H., see Choi, J.-S. . . . 375 (1996) 370
Lehrman, I., see Hartley, R. . . . 375 (1996) ABS 22
Lehrman, I., see Solomon, L. . . . 375 (1996) ABS 63

Lehrman, I.S., see Krishnaswamy, J. . . . 375 (1996) 119
Lei, L., see Shahadi, A. . . . 375 (1996) 140
Lesrel, J., see Ortega, J.M. . . . 375 (1996) 618
Levashov, Yu.I., see Vinokurov, N.A. . . . 375 (1996) 403
Levin, L.A., see Arensburg, A. . . . 375 (1996) ABS 1
Levush, B., see Cheng, S. . . . 375 (1996) 160
Levush, B., see Abramovich, A. . . . 375 (1996) 164
Li, Z., see Neuffer, D. . . . 375 (1996) 123
Li, Z., see Benson, S.V. . . . 375 (1996) ABS 4
Lihn, H.-C., see Bocek, D. . . . 375 (1996) 13
Limberg, T., H. Weise, A. Molodozhentsev and V. Petrov, The bunch compression system at the TESLA test facility FEL . . . 375 (1996) 322
Lin, L., G.H.C. van Werkhoven, D. Oepts, A.F.G. van der Meer and P.W. van Amersfoort, Design study for a longer wavelength FEL for FELIX . . . 375 (1996) ABS 32
Litvinenko, V., see Denbeaux, G. . . . 375 (1996) 644
Litvinenko, V.N., see Wu, Y. . . . 375 (1996) 74
Litvinenko, V.N., see Park, S.H. . . . 375 (1996) 487
Litvinenko, V.N., see O'Shea, P.G. . . . 375 (1996) 530
Litvinenko, V.N. and J.M.J. Madey, Intense Compton γ-ray source from the Duke storage ring FEL . . . 375 (1996) 580
Litvinenko, V.N., B. Burnham, J.M.J. Madey, S.H. Park and Y. Wu, Duke storage ring UV/VUV FEL: status and prospects . . . 375 (1996) 46
Litvinenko, V.N., Resonant conditions for a storage ring short wavelength FEL with power exceeding Renieri limit . . . 375 (1996) 584
Liu, H., see Benson, S.V. . . . 375 (1996) ABS 4
Liu, N.-q., see Fu, L. . . . 375 (1996) 112
Liu, Q., see Xu, Y. . . . 375 (1996) 511
Liu, W., see Yang, T. . . . 375 (1996) ABS 77
Liu, Y.-H. and T.C. Marshall, A compact FEL upconverter of coherent radiation . . . 375 (1996) 589
Loew, G., see Tatchyn, R. . . . 375 (1996) 274
Loulergue, A., see Dowell, D.H. . . . 375 (1996) 104
Loulergue, A., see Guimbal, Ph. . . . 375 (1996) 373
Lu, B., see Wang, M.C. . . . 375 (1996) 143
Lucas, J., see Dearden, G. . . . 375 (1996) 179
Lucas, J., see Dearden, G. . . . 375 (1996) 183
Lucas, J., see Shaw, A. . . . 375 (1996) 245
Lucas, J., see Al-Shamma'a, A. . . . 375 (1996) 424
Lucas, J., see Balfour, C. . . . 375 (1996) 430
Lumpkin, A., Potential applications of a dual-sweep streak camera system for characterizing particle and photon beams of VUV, XUV, and X-ray FELs . . . 375 (1996) 460
Lynch, D., see Solomon, L. . . . 375 (1996) ABS 63

Ma, Y., see Yang, T. . . . 375 (1996) ABS 77
Mabe, R.M., R.K. Wong and W.B. Colson, Optical wavelength modulation in free electron lasers . . . 375 (1996) ABS 34
MacLeod, A.M., W.A. Gillespie, G.M.H. Knippels, A.F.G. van der Meer and P.W. van Amersfoort, Comparison of optical and electron spectra in an infra-red free-electron laser . . . 375 (1996) ABS 36
Madey, J.M.J., see Litvinenko, V.N. . . . 375 (1996) 46
Madey, J.M.J., see Wu, Y. . . . 375 (1996) 74
Madey, J.M.J., see Barnett, G.A. . . . 375 (1996) 97
Madey, J.M.J., see Ponds, M.L. . . . 375 (1996) 136
Madey, J.M.J., see Hooper, B.A. . . . 375 (1996) 210
Madey, J.M.J., see Park, S.H. . . . 375 (1996) 487
Madey, J.M.J., see Szarmes, E.B. . . . 375 (1996) 492
Madey, J.M.J., see O'Shea, P.G. . . . 375 (1996) 530
Madey, J.M.J., see Litvinenko, V.N. . . . 375 (1996) 580
Madey, J.M.J., see Denbeaux, G. . . . 375 (1996) 644
Malone, R., see Wang, X.J. . . . 375 (1996) 82
Mandai, S., see Miyauchi, Y. . . . 375 (1996) ABS 42
Manintveld, P., see Urbanus, W.H. . . . 375 (1996) 401
Manuilov, V.N., see Samsonov, S.V. . . . 375 (1996) 393
Marcouillé, O., see Jaroszynski, D.A. . . . 375 (1996) 456
Marcouillé, O., M. Corlier, G. Humbert, F. Marteau, J.M. Ortéga, P. Peaupardin and J. Vétéran, A new undulator for the extension of the spectral range of the CLIO FEL . . . 375 (1996) 465
Marcouillé, O., see Glotin, F. . . . 375 (1996) 558

Marcouillé, O., see Ortega, J.M. . . . 375 (1996) 618
Marcouillé, O., see Jaroszynski, D.A. . . . 375 (1996) 647
Marcouillé, O., see Prazeres, R. . . . 375 (1996) ABS 51
Margaritondo, G., see Walker, R.P. . . . 375 (1996) 252
Marmouget, J.G., see Guimbal, Ph. . . . 375 (1996) 373
Marshall, T.C., see Zhang, T.B. . . . 375 (1996) 515
Marshall, T.C., see Liu, Y.-H. . . . 375 (1996) 589
Marshall, T.C., see Zhang, T.B. . . . 375 (1996) 614
Marsi, M., see Couprie, M.E. . . . 375 (1996) 639
Marteau, F., see Marcouillé, O. . . . 375 (1996) 465
Massarotti, A., see Walker, R.P. . . . 375 (1996) 252
Matsubara, Y., see Hayakawa, K. . . . 375 (1996) ABS 25
Matsuura, F., see Hajima, R. . . . 375 (1996) ABS 19
May, L.M., see Carlsten, B.E. . . . 375 (1996) 171
Mayhew, S.E., see Dearden, G. . . . 375 (1996) 179
Mayhew, S.E., see Dearden, G. . . . 375 (1996) 183
Mayhew, S.E., see Balfour, C. . . . 375 (1996) 430
McKee, C.B., see Barnett, G.A. . . . 375 (1996) 97
Mendenhall, M., see Amirmadhi, F. . . . 375 (1996) 95
Mendenhall, M., see Amirmadhi, F. . . . 375 (1996) 427
Merminga, L., J.J. Bisognano and J.R. Delayen, Energy stability in recirculating, energy-recovering linacs . . . 375 (1996) ABS 39
Merminga, L., see Benson, S.V. . . . 375 (1996) ABS 4
Mérola, F., see Couprie, M.E. . . . 375 (1996) 639
Messina, G., see Doria, A. . . . 375 (1996) ABS 11
Meyerhofer, D., see Tatchyn, R. . . . 375 (1996) 274
Mezi, L., see Giannessi, L. . . . 375 (1996) 198
Mezi, L., see Walker, R.P. . . . 375 (1996) 252
Mikado, T., see Yokoyama, M. . . . 375 (1996) 53
Mikado, T., see Ohgaki, H. . . . 375 (1996) 602
Miller, R., see Tatchyn, R. . . . 375 (1996) 274
Miller, R.H., see Yeremian, A.D. . . . 375 (1996) ABS 78
Mima, K., see Furukawa, H. . . . 375 (1996) 194
Mima, K., see Goto, M. . . . 375 (1996) 207
Mima, K., see Chen, J. . . . 375 (1996) 299
Mima, K., see Asakawa, M. . . . 375 (1996) 416
Mima, K., see Ohigashi, N. . . . 375 (1996) 469
Mima, K., see Taguchi, T. . . . 375 (1996) 610
Mima, K., see Fujita, M. . . . 375 (1996) ABS 14
Minamiguchi, T., see Fujita, M. . . . 375 (1996) ABS 14
Minehara, E.J., see Sugimoto, M. . . . 375 (1996) ABS 65
Miyauchi, Y., see Kobayashi, A. . . . 375 (1996) 317
Miyauchi, Y., see Tomimasu, T. . . . 375 (1996) 626
Miyauchi, Y., A. Zako, A. Koga, T. Tomimasu, M. Takahashi, S. Mandai, K. Kakuno and K. Ohashi, Performance of an undulator for visible and UV FELs at the FELI . . . 375 (1996) ABS 42
Miyauchi, Y., see Zako, A. . . . 375 (1996) ABS 80
Molodozhentsev, A., see Limberg, T. . . . 375 (1996) 322
Mols, R.F.X.A.M., see Knippels, G.M.H. . . . 375 (1996) 150
Moon, A., see Asakawa, M. . . . 375 (1996) 416
Moon, A., see Fujita, M. . . . 375 (1996) ABS 14
Moore, C.I., see Ting, A. . . . 375 (1996) ABS 68
Mortazavi, P., see Solomon, L. . . . 375 (1996) ABS 63

Nagai, A., see Kobayashi, A. . . . 375 (1996) 317
Nagai, A., see Tomimasu, T. . . . 375 (1996) 626
Nagai, R., see Sugimoto, M. . . . 375 (1996) ABS 65
Nahn, L., see Couprie, M.E. . . . 375 (1996) 639
Nakai, S., see Chen, J. . . . 375 (1996) 299
Nakai, S., see Asakawa, M. . . . 375 (1996) 416
Nakai, S., see Ohigashi, N. . . . 375 (1996) 469
Nakai, S., see Fujita, M. . . . 375 (1996) ABS 14
Nakajima, K., M. Kando, T. Kawakubo, T. Nakanishi and A. Ogata, A table-top X-ray FEL based on the laser wakefield accelerator–undulator system . . . 375 (1996) 593

Nakanishi, T., see Nakajima, K. . . . 375 (1996) 593
Nakao, N., see Asakawa, M. . . . 375 (1996) 416
Nakao, N., see Fujita, M. . . . 375 (1996) ABS 14
Nassiri, A., R.L. Kustom, Y.W. Kang and J. Song, Feasibility studies of a compact mm-wave linac FEL . . . 375 (1996) ABS 46
Neil, G., see Benson, S.V. . . . 375 (1996) ABS 4
Nelson, W.R., see Tatchyn, R. . . . 375 (1996) 274
Nelson, W.R., see Cremer, T. . . . 375 (1996) 436
Neuffer, D., D. Douglas, Z. Li, A. Garren and M. Cornacchia, Beam transport design for a recirculating-linac FEL driver . . . 375 (1996) 123
Neuffer, D., see Benson, S.V. . . . 375 (1996) ABS 4
Newnam, B.E., see Park, S.H. . . . 375 (1996) 487
Nguyen, D.C. and B.E. Carlsten, Amplified coherent emission from electron beams prebunched in a masked chicane 375 (1996) 597
Nguyen, K., see Pershing, D.E. . . . 375 (1996) 230
Nikitina, Yu.M., see Brefeld, W. . . . 375 (1996) 295
Nikitina, Yu.M. and J. Pflüger, Two novel undulator schemes with quadrupolar focusing for the VUV-FEL at the TESLA test facility . . . 375 (1996) 325
Nishihara, S., see Tomimasu, T. . . . 375 (1996) 626
Nishimura, E., see Okuma, S. . . . 375 (1996) 654
Noguchi, T., see Yokoyama, M. . . . 375 (1996) 53
Noguchi, T., see Ohgaki, H. . . . 375 (1996) 602
Nölle, D., see Geisler, A. . . . 375 (1996) 445
Nölle, D. and DELTA Group, Progress of the commissioning of the DELTA storage ring FEL facility . . . 375 (1996) ABS 48
Nölle, D., see Schmidt, T. . . . 375 (1996) ABS 56
Nomura, M., see Hayakawa, K. . . . 375 (1996) ABS 25
Noordam, L.D., see Lankhuijzen, G.M. . . . 375 (1996) 651
Nuhn, H.-D., see Tatchyn, R. . . . 375 (1996) 274

Oepts, D., see Knippels, G.M.H. . . . 375 (1996) 150
Oepts, D., see Jaroszynski, D.A. . . . 375 (1996) 647
Oepts, D., see Lin, L. . . . 375 (1996) ABS 32
Oepts, D., see Weits, H.H. . . . 375 (1996) ABS 75
Ogata, A., see Nakajima, K. . . . 375 (1996) 593
Ogino, S., see Okuma, S. . . . 375 (1996) 654
Ohashi, K., see Miyauchi, Y. . . . 375 (1996) ABS 42
Ohdaira, T., see Yokoyama, M. . . . 375 (1996) 53
Ohdaira, T., see Ohgaki, H. . . . 375 (1996) 602
Ohgaki, H., see Yokoyama, M. . . . 375 (1996) 53
Ohgaki, H., D. Robin and T. Yamazaki, Quasi-isochronous storage ring for enhanced FEL performance . . . 375 (1996) 128
Ohgaki, H., T. Noguchi, S. Sugiyama, T. Mikado, M. Chiwaki, K. Yamada, R. Suzuki, N. Sei, T. Ohdaira and T. Yamazaki, Polarized gamma-rays with laser-Compton backscattering . . . 375 (1996) 602
Ohigashi, N., see Asakawa, M. . . . 375 (1996) 416
Ohigashi, N., T. Ishida, Y. Tsunawaki, K. Imasaki, M. Fujita, M. Asakawa, S.-i. Kuruma, C. Yamanaka, S. Nakai and K. Mima, Suppression and control of leakage field in electromagnetic helical microwiggler . . . 375 (1996) 469
Ohigashi, N., see Fujita, M. . . . 375 (1996) ABS 14
Ohkubo, H., see Asakawa, M. . . . 375 (1996) 416
Ohsawa, S., see Hayakawa, K. . . . 375 (1996) ABS 25
Okuda, S., S. Ishida, G. Isoyama, Y. Honda and R. Kato, Measurement of characteristics of the infrared free electron laser with the L-band linear accelerator at Osaka University . . . 375 (1996) 329
Okuda, Y., see Asakawa, M. . . . 375 (1996) 416
Okuma, S., see Saeki, K. . . . 375 (1996) 10
Okuma, S., see Kobayashi, A. . . . 375 (1996) 317
Okuma, S., see Tomimasu, T. . . . 375 (1996) 626
Okuma, S., K. Saeki, A. Kobayashi, E. Oshita, K. Wakita, M. Yasumoto, S. Ogino, E. Nishimura and T. Tomimasu, FEL beam sharing systems for eight user's stations at the FELI . . . 375 (1996) 654
Oreshkov, A.D., see Vinokurov, N.A. . . . 375 (1996) 403
Ortega, J.M., see Jaroszynski, D.A. . . . 375 (1996) 456
Ortéga, J.M., see Marcouillé, O. . . . 375 (1996) 465
Ortega, J.M., see Glotin, F. . . . 375 (1996) 558
Ortega, J.M., J.M. Berset, R. Chaput, F. Glotin, G. Humbert, D. Jaroszynski, P. Joly, B. Kergosien, J. Lesrel, O. Marcouillé, A. Peremans, R. Prazeres and A. Tadjeddine, Activities of the CLIO infrared facility . . . 375 (1996) 618
Ortega, J.M., see Jaroszynski, D.A. . . . 375 (1996) 647
Ortega, J.M., see Prazeres, R. . . . 375 (1996) ABS 51

O'Shea, P.G., see Ponds, M.L. . . . 375 (1996) 136
O'Shea, P.G., V.N. Litvinenko, J.M.J. Madey, N.R. Roberson, E.C. Schreiber, K.D. Straub, K.J. Weeks, H.R. Weller and Y. Wu, Inverse Compton γ-ray source for nuclear physics and related applications . . . 375 (1996) 530
O'Shea, P.G., see Denbeaux, G. . . . 375 (1996) 644
Oshita, E., see Saeki, K. . . . 375 (1996) 10
Oshita, E., see Kobayashi, A. . . . 375 (1996) 317
Oshita, E., see Tomimasu, T. . . . 375 (1996) 626
Oshita, E., see Okuma, S. . . . 375 (1996) 654
Osmanov, N.S., see Gubankov, V.V. . . . 375 (1996) 448
Ottaviani, P.L., see Walker, R.P. . . . 375 (1996) 252
Oyamada, M., see Hayakawa, K. . . . 375 (1996) ABS 25
Ozaki, T., see Saito, K. . . . 375 (1996) 237

Palmer, D., see Tatchyn, R. . . . 375 (1996) 274
Papadichev, V.A., A comparison of various schemes of beam conditioning for FEL . . . 375 (1996) 132
Papadichev, V.A., Distorted orbit due to field errors and particle trajectories in combined undulator and axial magnetic fields . . . 375 (1996) 474
Papadichev, V.A., Polarization in free electron lasers . . . 375 (1996) 483
Papadichev, V.A., Orbital motion in generalized static fields of FELs accounting for axial magnetic field, beam forces, undulator and external focusing . . . 375 (1996) 479
Parazzoli, C.G., see Dowell, D.H. . . . 375 (1996) 108
Parazzoli, C.G., see Adamski, J.L. . . . 375 (1996) 288
Park, S.H., see Litvinenko, V.N. . . . 375 (1996) 46
Park, S.H., see Wu, Y. . . . 375 (1996) 74
Park, S.H., V.N. Litvinenko, J.M.J. Madey and B.E. Newnam, VUV optical ring resonator for the Duke storage ring free electron laser . . . 375 (1996) 487
Paterson, J., see Tatchyn, R. . . . 375 (1996) 274
Patteri, P., see Walker, R.P. . . . 375 (1996) 252
Pavluchenkov, V.F., see Gubankov, V.V. . . . 375 (1996) 448
Peaupardin, P., see Marcouillé, O. . . . 375 (1996) 465
Pellegrini, C., see Tatchyn, R. . . . 375 (1996) 274
Pellegrini, C., see Kim, K.-J. . . . 375 (1996) 314
Peremans, A., see Glotin, F. . . . 375 (1996) 558
Peremans, A., see Ortega, J.M. . . . 375 (1996) 618
Peremans, A., A. Tadjeddine, W.Q. Zheng, P. Guyot-Sionnest, P. Remy, G. Ryschenkow, M. Buck, Y. Caudano, L.-M. Yu, P.A. Thiry, B. Bourguignon, H. Dubost, B. Draggnea and S. Carrez, Vibrational spectroscopy at interfaces by ir-vis sum-frequency generation using CLIO FEL . . . 375 (1996) 657
Pershing, D.E., see Blank, M. . . . 375 (1996) 169
Pershing, D.E., see Jackson, R.H. . . . 375 (1996) 226
Pershing, D.E., R.H. Jackson, H.P. Freund, M. Blank, K. Nguyen and J.M. Taccetti, Design of a "slow-wave" ubitron . . . 375 (1996) 230
Pershing, D.E., see Taccetti, J.M. . . . 375 (1996) 496
Peskov, N.Yu., see Ginzburg, N.S. . . . 375 (1996) 202
Peskov, N.Yu., see Kaminsky, A.K. . . . 375 (1996) 215
Peskov, N.Yu., V.L. Bratman, N.S. Ginzburg, G.G. Denisov, B.D. Kol'chugin, S.V. Samsonov and A.B. Volkov, Experimental study of a high-current FEM with a broadband microwave system . . . 375 (1996) 377
Petrov, S.P., see Vinokurov, N.A. . . . 375 (1996) 403
Petrov, V., see Limberg, T. . . . 375 (1996) 322
Petrov, V.A., see Dolbilov, G.V. . . . 375 (1996) 100
Petrov, V.M., see Vinokurov, N.A. . . . 375 (1996) 403
Pflüger, J., see Brefeld, W. . . . 375 (1996) 295
Pflüger, J., see Nikitina, Yu.M. . . . 375 (1996) 325
Pflüger, J., see Faatz, B. . . . 375 (1996) 441
Phelps, A.D.R., see Ginzburg, N.S. . . . 375 (1996) 202
Phelps, A.D.R., see Robb, G.R.M. . . . 375 (1996) 535
Pierini, P., see Brefeld, W. . . . 375 (1996) 295
Pierini, P. and W.M. Fawley, Shot noise startup of the 6 nm SASE FEL at the TESLA test facility . . . 375 (1996) 332
Pierini, P., see Faatz, B. . . . 375 (1996) 441
Pinayev, I.V., V.M. Popik, T.V. Salikova, T.V. Shaftan, A.S. Sokolov, N.A. Vinokurov and P.V. Vorob'ev, A study of the influence of the stochastic process on the synchrotron oscillations of a single electron circulated in the VEPP-3 storage ring . . . 375 (1996) 71
Pinayev, I.V., see Vinokurov, N.A. . . . 375 (1996) 403
Pinhasi, Y., see Abramovich, A. . . . 375 (1996) 164

Pinhasi, Y. and A. Gover, Transverse mode coupling and supermode establishment in a free-electron laser oscillator 375 (1996) 233
Pinhasi, Y., see Yakover, I.M. 375 (1996) 260
Pinhasi, Y., see Arensburg, A. 375 (1996) ABS 1
Piovella, N., P. Chaix, G. Shvets and D. Jaroszynski, Theory of short pulse FEL oscillators 375 (1996) 156
Pluygers, J., see Urbanus, W.H. 375 (1996) 401
Pogorelsky, I., see Wang, X.J. 375 (1996) 82
Ponds, M.L., Y. Feng, J.M.J. Madey and P.G. O'Shea, Non-destructive diagnosis of relativistic electron beams using a short undulator 375 (1996) 136
Popik, V.M., see Pinayev, I.V. 375 (1996) 71
Popik, V.M., see Vinokurov, N.A. 375 (1996) 403
Potter, J.M., see Carlsten, B.E. 375 (1996) 171
Pranal, Y., see Guimbal, Ph. 375 (1996) 373
Prazeres, R., see Jaroszynski, D.A. 375 (1996) 456
Prazeres, R., see Glotin, F. 375 (1996) 558
Prazeres, R., see Ortega, J.M. 375 (1996) 618
Prazeres, R., see Jaroszynski, D.A. 375 (1996) 647
Prazeres, R., J.M. Berset, F. Glotin, D. Jaroszynski, O. Marcouillé and J.M. Ortega, New results of the CLIO infrared FEL using a new undulator and hole coupling extraction 375 (1996) ABS 51

Qiu, X.Z., see Babzien, M. 375 (1996) 420
Qui, X., see Wang, X.J. 375 (1996) 82
Quimby, D.C., see Robinson, K.E. 375 (1996) 407

Rakowsky, G., see Solomon, L. 375 (1996) ABS 63
Ramamurthi, S.S., see Krishnagopal, S. 375 (1996) ABS 30
Ramos, L., J. Blau and W.B. Colson, Simulating the trapped-particle instability in the Boeing 1 kW FEL 375 (1996) ABS 54
Raubenheimer, T., see Tatchyn, R. 375 (1996) 274
Razuvakin, V.N., see Dolbilov, G.V. 375 (1996) 100
Remy, P., see Peremans, A. 375 (1996) 657
Renieri, A., see Walker, R.P. 375 (1996) 252
Renieri, A., see Dattoli, G. 375 (1996) 1
Renz, G., G. Spindler, V. Schlott and R. Hahn, Structure of the spontaneous emission spectra of high-γ free electron lasers as measured at the Darmstadt (S-DALINAC) FEL 375 (1996) 381
Reusch, M.F., see Krishnaswamy, J. 375 (1996) 119
Ricci, K.N., see Berryman, K.W. 375 (1996) 526
Richman, B.A., see Crosson, E.R. 375 (1996) 87
Ridder, M., see Geisler, A. 375 (1996) 445
Ridder, M., see Schmidt, T. 375 (1996) ABS 56
Ride, S., see Ting, A. 375 (1996) ABS 68
Ride, S.K., see Esarey, E. 375 (1996) 545
Rindi, A., see Walker, R.P. 375 (1996) 252
Robb, G.R.M., see Ginzburg, N.S. 375 (1996) 202
Robb, G.R.M., N.S. Ginzburg, A.D.R. Phelps and A.S. Sergeev, Coherent spontaneous emission from short electron bunches in free space 375 (1996) 535
Roberson, C.W., see Hafizi, B. 375 (1996) 78
Roberson, N.R., see O'Shea, P.G. 375 (1996) 530
Robin, D., see Ohgaki, H. 375 (1996) 128
Robinson, K.E., M.P. Challenger, S.C. Gottschalk and D.C. Quimby, Advances in FEL undulator technology at STI Optronics 375 (1996) 407
Rodgers, J., see Cheng, S. 375 (1996) 160
Rodolfo, J., see Guimbal, Ph. 375 (1996) 373
Ron, A., see Kleckner, M. 375 (1996) ABS 27
Rősei, R., see Walker, R.P. 375 (1996) 252
Rosenberg, A., see Arensburg, A. 375 (1996) ABS 1
Rossbach, J., A VUV free electron laser at the TESLA test facility at DESY 375 (1996) 269
Roßbach, J., see Brefeld, W. 375 (1996) 295
Roy, P.K., see Asakawa, M. 375 (1996) 416
Roy, P.K., see Fujita, M. 375 (1996) ABS 14
Rubbia, C., see Walker, R.P. 375 (1996) 252
Ryschenkow, G., see Peremans, A. 375 (1996) 657

Sabary, F., see Guimbal, Ph. 375 (1996) 373

Sabia, E., see Walker, R.P. . . . 375 (1996) 252
Saeki, K., S. Okuma, E. Oshita, K. Wakita, A. Kobayashi and T. Tomimasu, Optical cavities for IR-FELs at the FELI . . . 375 (1996) 10
Saeki, K., see Kobayashi, A. . . . 375 (1996) 317
Saeki, K., see Tomimasu, T. . . . 375 (1996) 626
Saeki, K., see Okuma, S. . . . 375 (1996) 654
Saito, K., K. Takayama, T. Ozaki, J. Kishiro, K. Ebihara and S. Hiramatsu, X-band prebunched FEL amplifier . . . 375 (1996) 237
Sakuma, M., see Fujita, M. . . . 375 (1996) ABS 14
Saldin, E.L., see Dolbilov, G.V. . . . 375 (1996) 100
Saldin, E.L., E.A. Schneidmiller and M.V. Yurkov, On a theory of an FEL amplifier with circular waveguide and guiding magnetic field . . . 375 (1996) 241
Saldin, E.L., see Brefeld, W. . . . 375 (1996) 295
Saldin, E.L., E.A. Schneidmiller and M.V. Yurkov, Some novel features of an FEL oscillator with tapered undulator . . . 375 (1996) 336
Saldin, E.L., E.A. Schneidmiller and M.V. Yurkov, Analysis of the eigenvalue equation of the FEL amplifier with axisymmetric electron beam and diaphragm focusing line . . . 375 (1996) 385
Saldin, E.L., E.A. Schneidmiller, Yu.N. Ulyanov and M.V. Yurkov, Multi-stage FEL amplifier with diaphragm focusing line as direct energy driver for inertial confinement fusion . . . 375 (1996) 389
Saldin, E.L., E.A. Schneidmiller, S.S. Shimanskii, Yu.N. Ulyanov and M.V. Yurkov, Application of FEL technique for constructing high-intensity, monochromatic, polarized gamma-sources at storage rings . . . 375 (1996) 606
Salikova, T.V., see Pinayev, I.V. . . . 375 (1996) 71
Samsonov, S.V., see Bratman, V.L. . . . 375 (1996) 360
Samsonov, S.V., see Peskov, N.Yu. . . . 375 (1996) 377
Samsonov, S.V., V.L. Bratman and V.N. Manuilov, A method of forming a high-quality electron beam for free electron masers . . . 375 (1996) 393
Sarantsev, V.P., see Kaminsky, A.K. . . . 375 (1996) 215
Sato, I., see Hayakawa, K. . . . 375 (1996) ABS 25
Sato, K., see Hayakawa, K. . . . 375 (1996) ABS 25
Sawamura, M., see Sugimoto, M. . . . 375 (1996) ABS 65
Scharlemann, E.T., see Tatchyn, R. . . . 375 (1996) 274
Schep, T.J., see Eecen, P.J. . . . 375 (1996) 190
Schlott, V., see Renz, G. . . . 375 (1996) 381
Schlueter, R., see Tatchyn, R. . . . 375 (1996) 274
Schmidt, T., see Geisler, A. . . . 375 (1996) 445
Schmidt, T., A. Geisler, D. Nölle, M. Ridder and S. Tammen, Optical aspects for lasing in the visible and UV with FELICITA I . . . 375 (1996) ABS 56
Schneidmiller, E.A., see Dolbilov, G.V. . . . 375 (1996) 100
Schneidmiller, E.A., see Saldin, E.L. . . . 375 (1996) 241
Schneidmiller, E.A., see Brefeld, W. . . . 375 (1996) 295
Schneidmiller, E.A., see Saldin, E.L. . . . 375 (1996) 336
Schneidmiller, E.A., see Saldin, E.L. . . . 375 (1996) 385
Schneidmiller, E.A., see Saldin, E.L. . . . 375 (1996) 389
Schneidmiller, E.A., see Saldin, E.L. . . . 375 (1996) 606
Schnitzer, I., see Arensburg, A. . . . 375 (1996) ABS 1
Schreiber, E.C., see O'Shea, P.G. . . . 375 (1996) 530
Schwettman, H.A., Challenges at FEL facilities: The Stanford Picosecond FEL Center . . . 375 (1996) 632
Schwettman, H.A., T.I. Smith and R.L. Swent, The Stanford Picosecond FEL Center . . . 375 (1996) 662
Sedlyarov, I.K., see Vinokurov, N.A. . . . 375 (1996) 403
Sedykh, S.N., see Kaminsky, A.K. . . . 375 (1996) 215
Segalov, Z., see Babzien, M. . . . 375 (1996) 420
Segreto, A., see Walker, R.P. . . . 375 (1996) 252
Sei, N., see Yokoyama, M. . . . 375 (1996) 53
Sei, N., see Ohgaki, H. . . . 375 (1996) 602
Sentoku, Y., see Furukawa, H. . . . 375 (1996) 194
Sergeev, A.P., see Kaminsky, A.K. . . . 375 (1996) 215
Sergeev, A.S., see Ginzburg, N.S. . . . 375 (1996) 202
Sergeev, A.S., see Kaminsky, A.K. . . . 375 (1996) 215
Sergeev, A.S., see Robb, G.R.M. . . . 375 (1996) 535
Sergeev, A.S., see Ginzburg, N.S. . . . 375 (1996) 553
Serov, A.V., The spartial distribution of the particles of the beam interacting with an inhomogeneous electromagnetic wave . . . 375 (1996) ABS 59
Serov, A.V., see Koltsov, A.V. . . . 375 (1996) 569
Sessler, A.M., see Kim, K.-J. . . . 375 (1996) 523
Settakorn, C., see Bocek, D. . . . 375 (1996) 13

Shaftan, T.V., see Pinayev, I.V. . . . 375 (1996) 71
Shaftan, T.V., see Vinokurov, N.A. . . . 375 (1996) 403
Shahadi, A., see Einat, M. . . . 375 (1996) 21
Shahadi, A., E. Jerby, L. Lei and R. Drori, Carbon-fiber emitter in a cyclotron-resonance maser experiment . . . 375 (1996) 140
Shahadi, A., see Drori, R. . . . 375 (1996) 186
Shahal, O., see Arensburg, A. . . . 375 (1996) ABS 1
Sharitka, J., see Wang, X.J. . . . 375 (1996) 82
Shaw, A., see Dearden, G. . . . 375 (1996) 183
Shaw, A., A. Al-Shamma'a, R.A. Stuart, C. Balfour and J. Lucas, First results of a cw industrial FEM . . . 375 (1996) 245
Shaw, A., see Balfour, C. . . . 375 (1996) 430
Sheehan, J., see Wang, X.J. . . . 375 (1996) 82
Sheinin, M., see Drori, R. . . . 375 (1996) 186
Shi, X., see Yang, T. . . . 375 (1996) ABS 77
Shi, Y., see Yang, T. . . . 375 (1996) ABS 77
Shiho, M., see Ishizuka, H. . . . 375 (1996) 116
Shiho, M., A. Watanabe, S. Kawasaki, H. Ishizuka, K. Takayama, J. Kishiro, T. Shindo and T. Fujioka, Lightning control system using high power microwave FEL . . . 375 (1996) 396
Shiloh, J., see Arensburg, A. . . . 375 (1996) ABS 1
Shimanskii, S.S., see Saldin, E.L. . . . 375 (1996) 606
Shimawaki, H., see Ishizuka, H. . . . 375 (1996) 116
Shindo, T., see Shiho, M. . . . 375 (1996) 396
Shinn, M., see Benson, S.V. . . . 375 (1996) ABS 4
Shpak, V.G., see Ginzburg, N.S. . . . 375 (1996) 553
Shterngartz, V., see Abramovich, A. . . . 375 (1996) 164
Shterngartz, V., see Arensburg, A. . . . 375 (1996) ABS 1
Shunailov, S.A., see Ginzburg, N.S. . . . 375 (1996) 553
Shvets, G., see Piovella, N. . . . 375 (1996) 156
Shvetsov, V.S., see Dolbilov, G.V. . . . 375 (1996) 100
Sibata, Y., see Hayakawa, K. . . . 375 (1996) ABS 25
Silivra, A.A., FEL on slow cyclotron wave . . . 375 (1996) 248
Skaritka, J., see Solomon, L. . . . 375 (1996) ABS 63
Skrinsky, A.N., see Vinokurov, N.A. . . . 375 (1996) 403
Small, D.W., R.K. Wong and W.B. Colson, Transverse effects in UV FELs . . . 375 (1996) ABS 61
Smirnov, A.V. and A.A. Varfolomeev, Strong focusing influence on high gain FEL characteristics . . . 375 (1996) 340
Smith, T.I., see Berryman, K.W. . . . 375 (1996) 6
Smith, T.I., see Crosson, E.R. . . . 375 (1996) 87
Smith, T.I., see Berryman, K.W. . . . 375 (1996) 526
Smith, T.I., see Berryman, K.W. . . . 375 (1996) 539
Smith, T.I., see Schwettman, H.A. . . . 375 (1996) 662
Sokolov, A.S., see Pinayev, I.V. . . . 375 (1996) 71
Sokolov, A.S., see Vinokurov, N.A. . . . 375 (1996) 403
Sokolov, A.S., see Kulipanov, G.N. . . . 375 (1996) 576
Sokolowski, J.S., see Arensburg, A. . . . 375 (1996) ABS 1
Solomon, L., see Ingold, G. . . . 375 (1996) 451
Solomon, L., W.S. Graves, I. Ben-Zvi, S. Krinsky, D. Lynch, P. Mortazavi, G. Rakowsky, J. Skaritka, M. Woodle, L.H. Yu, I. Lehrman and F. Tepes, Magnetic measurements of the BNL HGFEL . . . 375 (1996) ABS 63
Song, J., see Nassiri, A. . . . 375 (1996) ABS 46
Song, J.H., see Zhao, K. . . . 375 (1996) 147
Spindler, G., see Renz, G. . . . 375 (1996) 381
Sprangle, P., see Esarey, E. . . . 375 (1996) 545
Sprangle, P., see Ting, A. . . . 375 (1996) ABS 68
Srinivasan-Rao, T., see Wang, X.J. . . . 375 (1996) 82
Sterk, A.B., see Urbanus, W.H. . . . 375 (1996) 401
Stoner, R., see Catravas, P. . . . 375 (1996) 412
Straub, K.D., see Barnett, G.A. . . . 375 (1996) 97
Straub, K.D., see O'Shea, P.G. . . . 375 (1996) 530
Straub, K.D., see Denbeaux, G. . . . 375 (1996) 644
Striby, S., see Guimbal, Ph. . . . 375 (1996) 373
Stuart, R.A., see Dearden, G. . . . 375 (1996) 179
Stuart, R.A., see Dearden, G. . . . 375 (1996) 183
Stuart, R.A., see Shaw, A. . . . 375 (1996) 245
Stuart, R.A., see Al-Shamma'a, A. . . . 375 (1996) 424

Stuart, R.A., see Balfour, C. . . . 375 (1996) 430
Sugimoto, M., E.J. Minehara, M. Sawamura, R. Nagai and N. Kikuzawa, Current status of the superconducting RF linac driver for the JAERI free electron laser . . . 375 (1996) ABS 65
Sugiyama, S., see Yokoyama, M. . . . 375 (1996) 53
Sugiyama, S., see Ohgaki, H. . . . 375 (1996) 602
Suzuki, R., see Yokoyama, M. . . . 375 (1996) 53
Suzuki, R., see Ohgaki, H. . . . 375 (1996) 602
Suzuki, T., see Tomimasu, T. . . . 375 (1996) 626
Swent, R.L., see Crosson, E.R. . . . 375 (1996) 87
Swent, R.L., see Schwettman, H.A. . . . 375 (1996) 662
Szarmes, E., see Denbeaux, G. . . . 375 (1996) 644
Szarmes, E.B., see Barnett, G.A. . . . 375 (1996) 97
Szarmes, E.B. and J.M.J. Madey, A broadly tunable autocorrelator for ultra-short, ultra-high power infrared optical pulses . . . 375 (1996) 492

Taccetti, J.M., see Blank, M. . . . 375 (1996) 169
Taccetti, J.M., see Pershing, D.E. . . . 375 (1996) 230
Taccetti, J.M., R.H. Jackson, H.P. Freund, D.E. Pershing, M. Blank and V.L. Granatstein, A CHI wiggler ubitron amplifier experiment: wiggler characterization . . . 375 (1996) 496
Tacetti, J.M., see Jackson, R.H. . . . 375 (1996) 226
Tadjeddine, A., see Ortega, J.M. . . . 375 (1996) 618
Tadjeddine, A., see Peremans, A. . . . 375 (1996) 657
Taguchi, T. and K. Mima, Cyclotron resonance cooling by a strong laser field . . . 375 (1996) 610
Takahashi, M., see Miyauchi, Y. . . . 375 (1996) ABS 42
Takano, S., see Hama, H. . . . 375 (1996) 32
Takano, S., see Kimura, K. . . . 375 (1996) 62
Takayama, K., see Saito, K. . . . 375 (1996) 237
Takayama, K., see Shiho, M. . . . 375 (1996) 396
Takayama, K., see Hashimoto, S. . . . 375 (1996) 562
Tammen, S., see Schmidt, T. . . . 375 (1996) ABS 56
Tanaka, T., see Hayakawa, K. . . . 375 (1996) ABS 25
Tatchyn, R., J. Arthur, M. Baltay, K. Bane, R. Boyce, M. Cornacchia, T. Cremer, A. Fisher, S.-J. Hahn, M. Hernandez, G. Loew, R. Miller, W.R. Nelson, H.-D. Nuhn, D. Palmer, J. Paterson, T. Raubenheimer, J. Weaver, H. Wiedemann, H. Winick, C. Pellegrini, G. Travish, E.T. Scharlemann, S. Caspi, W. Fawley, K. Halbach, K.-J. Kim, R. Schlueter, M. Xie, D. Meyerhofer, R. Bonifacio and L. De Salvo, Research and development toward a 4.5–1.5 Å linac coherent light source (LCLS) at SLAC . . . 375 (1996) 274
Tatchyn, R., Optical cavity vs. electron beam requirements for the operation of a 1.5 Å LCLS in a regenerative amplifier mode . . . 375 (1996) 345
Tatchyn, R., see Cremer, T. . . . 375 (1996) 436
Tatchyn, R., Image tuning techniques for enhancing the performance of pure permanent magnet undulators with small gap/period ratios . . . 375 (1996) 500
Taylor, C., see Caspi, S. . . . 375 (1996) 433
Tazzari, S., see Walker, R.P. . . . 375 (1996) 252
Tazzioli, F., see Walker, R.P. . . . 375 (1996) 252
Tecimer, M. and L. Elias, Self-consistent analysis of 3D undulator radiation and relativistic electron beam dynamics using Lienard–Wiechert fields . . . 375 (1996) 348
Tepes, F., see Solomon, L. . . . 375 (1996) ABS 63
Tesch, P.P., J. Gallagher and L.R. Elias, Final construction of the CREOL 8 millimeter period hybrid undulator . . . 375 (1996) 504
Thiry, P.A., see Peremans, A. . . . 375 (1996) 657
Tian, H., see Fu, L. . . . 375 (1996) 112
Ting, A., see Esarey, E. . . . 375 (1996) 545
Ting, A., R. Fischer, A. Fisher, C.I. Moore, B. Hafizi, R. Elton, K. Krushelnick, R. Burris, S. Jackel, K. Evans, J.N. Weaver, P. Sprangle, E. Esarey, M. Baine and S. Ride, Demonstration experiment of a laser synchrotron source for tunable, monochromatic X-rays at 500 eV . . . 375 (1996) ABS 68
Todd, A.M.M., see Krishnaswamy, J. . . . 375 (1996) 119
Tolmachev, S.V., see Gubankov, V.V. . . . 375 (1996) 448
Tomimasu, T., see Saeki, K. . . . 375 (1996) 10
Tomimasu, T., see Kobayashi, A. . . . 375 (1996) 317
Tomimasu, T., K. Saeki, Y. Miyauchi, E. Oshita, S. Okuma, K. Wakita, A. Kobayashi, T. Suzuki, A. Zako, S. Nishihara, A. Koga, K. Wakisaka, H. Tongu, A. Nagai and M. Yasumoto, The FELI FEL facilities – challenges at simultaneous FEL beam sharing systems and UV-range FELs . . . 375 (1996) 626
Tomimasu, T., see Okuma, S. . . . 375 (1996) 654

Tomimasu, T., see Miyauchi, Y. . . . 375 (1996) ABS 42
Tomimasu, T., see Zako, A. . . . 375 (1996) ABS 80
Tongu, H., see Tomimasu, T. . . . 375 (1996) 626
Torizuka, Y., see Hayakawa, K. . . . 375 (1996) ABS 25
Torre, A., see Walker, R.P. . . . 375 (1996) 252
Torre, A., see Dattoli, G. . . . 375 (1996) 543
Touati, D., see Guimbal, Ph. . . . 375 (1996) 373
Toyama, S., see Hayakawa, K. . . . 375 (1996) ABS 25
Travish, G., see Tatchyn, R. . . . 375 (1996) 274
Tsunawaki, Y., see Asakawa, M. . . . 375 (1996) 416
Tsunawaki, Y., see Ohigashi, N. . . . 375 (1996) 469
Tsunawaki, Y., see Fujita, M. . . . 375 (1996) ABS 14
Tulupov, A.V., see Eecen, P.J. . . . 375 (1996) 190
Tulupov, A.V., M. Caplan and W.H. Urbanus, Simulations of e-beam emittance effects on the performance of the fusion-FEM . . . 375 (1996) ABS 71

Ulmaskulov, M.R., see Ginzburg, N.S. . . . 375 (1996) 553
Ulyanov, Yu.N., see Saldin, E.L. . . . 375 (1996) 389
Ulyanov, Yu.N., see Saldin, E.L. . . . 375 (1996) 606
Urbanus, W., see Caplan, M. . . . 375 (1996) 91
Urbanus, W.H., W.A. Bongers, G. Van Dijk, C.A.J. Van der Geer, S. de Kroon, P. Manintveld, J. Pluygers, A.B. Sterk, M. Valentini, A.G.A. Verhoeven, R.M.M. Weijman and M.J. Van der Wiel, Status, commissioning of the 1 MW, 130–260 GHz fusion-FEM . . . 375 (1996) 401
Urbanus, W.H., see Tulupov, A.V. . . . 375 (1996) ABS 71

Valentini, M., see Caplan, M. . . . 375 (1996) 91
Valentini, M., see Urbanus, W.H. . . . 375 (1996) 401
van Amersfoort, P.W., see Knippels, G.M.H. . . . 375 (1996) 150
van Amersfoort, P.W., see Goloviznin, V.V. . . . 375 (1996) 309
van Amersfoort, P.W., see Jaroszynski, D.A. . . . 375 (1996) 647
van Amersfoort, P.W., see Goloviznin, V.V. . . . 375 (1996) ABS 17
van Amersfoort, P.W., see Lin, L. . . . 375 (1996) ABS 32
van Amersfoort, P.W., see MacLeod, A.M. . . . 375 (1996) ABS 36
van Amersfoort, P.W., see Weits, H.H. . . . 375 (1996) ABS 75
Van Der Geer, C., see Caplan, M. . . . 375 (1996) 91
van der Geer, C.A.J., see Urbanus, W.H. . . . 375 (1996) 401
van der Meer, A.F.G., see Knippels, G.M.H. . . . 375 (1996) 150
van der Meer, A.F.G., see Jaroszynski, D.A. . . . 375 (1996) 647
van der Meer, A.F.G., see Lin, L. . . . 375 (1996) ABS 32
van der Meer, A.F.G., see MacLeod, A.M. . . . 375 (1996) ABS 36
Van der Slot, P.J.M. and V.S. Voronin, Velocity distributions produced by a thermionic electron gun and the effect on the performance of a Cherenkov FEL . . . 375 (1996) ABS 73
van der Wiel, M.J., see Urbanus, W.H. . . . 375 (1996) 401
van Dijk, G., see Urbanus, W.H. . . . 375 (1996) 401
Van Oerle, B.M., see Ernst, G.J. . . . 375 (1996) 26
van Werkhoven, G.H.C., see Lin, L. . . . 375 (1996) ABS 32
van Werkhoven, G.H.C., see Weits, H.H. . . . 375 (1996) ABS 75
Varfolomeev, A.A., see Smirnov, A.V. . . . 375 (1996) 340
Varfolomeev, A.A. and T.V. Yarovoi, FEL gain as a function of phase displacement induced by undulator intersection gaps . . . 375 (1996) 352
Varfolomeev, A.A., see Gubankov, V.V. . . . 375 (1996) 448
Verhoeven, A.G.A., see Urbanus, W.H. . . . 375 (1996) 401
Verschuur, J.W.J., see Ernst, G.J. . . . 375 (1996) 26
Verschuur, J.W.J. and R.W. Warren, Tuning and characterization of Twente wiggler . . . 375 (1996) 508
Veshcherevich, V.G., see Vinokurov, N.A. . . . 375 (1996) 403
Vétéran, J., see Marcouillé, O. . . . 375 (1996) 465
Vetter, A.M., see Dowell, D.H. . . . 375 (1996) 108
Vetter, A.M., see Adamski, J.L. . . . 375 (1996) 288
Vinokurov, N.A., see Pinayev, I.V. . . . 375 (1996) 71
Vinokurov, N.A., Multisegment wigglers for short wavelength FEL . . . 375 (1996) 264
Vinokurov, N.A., see Kayran, D.A. . . . 375 (1996) 311

Vinokurov, N.A., see Kulipanov, G.N. . . . 375 (1996) 576
Vinokurov, N.A., N.G. Gavrilov, E.I. Gorniker, G.N. Kulipanov, I.V. Kuptsov, G.Ya. Kurkin, G.I. Erg, Yu.I. Levashov, A.D. Oreshkov, S.P. Petrov, V.M. Petrov, I.V. Pinayev, V.M. Popik, I.K. Sedlyarov, T.V. Shaftan, A.N. Skrinsky, A.S. Sokolov, V.G. Veshcherevich and P.D. Vobly, Status of the high power free electron laser using the race-track microtron-recuperator . . . 375 (1996) 403
Visintini, R., see Walker, R.P. . . . 375 (1996) 252
Vobly, P.D., see Vinokurov, N.A. . . . 375 (1996) 403
Volfbeyn, P., see Bekefi, G. . . . 375 (1996) 519
Volkov, A.B., see Bratman, V.L. . . . 375 (1996) 360
Volkov, A.B., see Peskov, N.Yu. . . . 375 (1996) 377
Vorob'ev, P.V., see Pinayev, I.V. . . . 375 (1996) 71
Voronin, V.S., see Van der Slot, P.J.M. . . . 375 (1996) ABS 73

Wakisaka, K., see Tomimasu, T. . . . 375 (1996) 626
Wakita, K., see Saeki, K. . . . 375 (1996) 10
Wakita, K., see Kobayashi, A. . . . 375 (1996) 317
Wakita, K., see Tomimasu, T. . . . 375 (1996) 626
Wakita, K., see Okuma, S. . . . 375 (1996) 654
Walker, R.P., D. Bulfone, F. Cargnello, M. Castellano, F. Cevenini, F. Ciocci, A. Cutolo, G. D'Auria, F. Daclon, G. Dattoli, A. De Angelis, A. Dipace, A. Doria, M. Ferianis, G.P. Gallerano, F. Garosi, L. Giannessi, M. Giannini, E. Giovenale, G. Margaritondo, A. Massarotti, L. Mezi, P.L. Ottaviani, P. Patteri, A. Renieri, A. Rindi, R. Rosei, C. Rubbia, E. Sabia, A. Segreto, S. Tazzari, F. Tazzioli, A. Torre, R. Visintini, A. Wrulich and D. Zangrando, The FERMI FEL project at Trieste . . . 375 (1996) 252
Walsh, J.E., see Woods, K.J. . . . 375 (1996) 257
Wang, L.F., see Zhao, K. . . . 375 (1996) 147
Wang, M.C., Z. Wang, Y. Huang, L. Zhang, B. Lu, J. Zhu and J.K. Lee, A new beam source for free electron lasers . . . 375 (1996) 143
Wang, T., see Zhao, K. . . . 375 (1996) 147
Wang, X.J., see Babzien, M. . . . 375 (1996) 420
Wang, Z., see Wang, M.C. . . . 375 (1996) 143
Wang, X.J., M. Babzien, K. Batchelor, I. Ben-Zvi, R. Malone, I. Pogorelsky, X. Qui, J. Sheehan, J. Sharitka and T. Srinivasan-Rao, Experimental characterization of the high-brightness electron photoinjector . . . 375 (1996) 82
Warren, R.W., see Verschuur, J.W.J. . . . 375 (1996) 508
Watanabe, A., see Ishizuka, H. . . . 375 (1996) 116
Watanabe, A., see Shiho, M. . . . 375 (1996) 396
Watanabe, T., see Asakawa, M. . . . 375 (1996) 416
Watanabe, T., see Fujita, M. . . . 375 (1996) ABS 14
Weaver, J., see Tatchyn, R. . . . 375 (1996) 274
Weaver, J.N., see Ting, A. . . . 375 (1996) ABS 68
Weeks, K.J., see O'Shea, P.G. . . . 375 (1996) 530
Weijman, R.M.M., see Urbanus, W.H. . . . 375 (1996) 401
Weise, H., see Limberg, T. . . . 375 (1996) 322
Weits, H.H., G.M.H. Knippels, G.H.C. van Werkhoven, D. Oepts and P.W. van Amersfoort, Influence of the cavity geometry on the micropulse output of FELIX in the limit-cycle regime . . . 375 (1996) ABS 75
Weller, H.R., see O'Shea, P.G. . . . 375 (1996) 530
Wiedemann, H., see Bocek, D. . . . 375 (1996) 13
Wiedemann, H., see Tatchyn, R. . . . 375 (1996) 274
Wilson, I., see Bekefi, G. . . . 375 (1996) 519
Winick, H., see Tatchyn, R. . . . 375 (1996) 274
Wiseman, M., see Benson, S.V. . . . 375 (1996) ABS 4
Witteman, W.J., see Ernst, G.J. . . . 375 (1996) 26
Wong, R., see Benson, S.V. . . . 375 (1996) ABS 4
Wong, R.K., J. Blau and W.B. Colson, Electron beam effects in UV FEL . . . 375 (1996) 356
Wong, R.K., see Blau, J. . . . 375 (1996) 358
Wong, R.K., see Mabe, R.M. . . . 375 (1996) ABS 34
Wong, R.K., see Small, D.W. . . . 375 (1996) ABS 61
Woodle, M., see Ingold, G. . . . 375 (1996) 451
Woodle, M., see Solomon, L. . . . 375 (1996) ABS 63
Woods, K.J. and J.E. Walsh, Comparison of grating and wiggler based free-electron lasers . . . 375 (1996) 257
Wrulich, A., see Walker, R.P. . . . 375 (1996) 252
Wu, G.F., see Zhao, K. . . . 375 (1996) 147
Wu, Y., see Litvinenko, V.N. . . . 375 (1996) 46
Wu, Y., V.N. Litvinenko, B. Burnham, J.M.J. Madey and S.H. Park, The performance of the Duke FEL storage ring . . . 375 (1996) 74

Wu, Y., see O'Shea, P.G. 375 (1996) 530
Wuensch, W., see Bekefi, G. 375 (1996) 519

Xie, M., see Tatchyn, R. 375 (1996) 274
Xie, M., see Kim, K.-J. 375 (1996) 314
Xie, M., see Kim, K.-J. 375 (1996) 523
Xie, M., see Benson, S.V. . . . . 375 (1996) ABS 4
Xu, Y. and Q. Liu, Theoretical analysis of planar pulse microwiggler 375 (1996) 511

Yakover, I.M., see Abramovich, A. 375 (1996) 164
Yakover, I.M., see Arensburg, A. . . . . 375 (1996) ABS 1
Yakover, I.M., Y. Pinhasi and A. Gover, Study of waveguide resonators for FEL operating at submillimeter wavelengths 375 (1996) 260
Yalandin, M.I., see Ginzburg, N.S. 375 (1996) 553
Yamada, K., see Yokoyama, M. 375 (1996) 53
Yamada, K., see Ohgaki, H. 375 (1996) 602
Yamada, K., see Hayakawa, K. . . . . 375 (1996) ABS 25
Yamanaka, C., see Furukawa, H. 375 (1996) 194
Yamanaka, C., see Goto, M. 375 (1996) 207
Yamanaka, C., see Chen, J. 375 (1996) 299
Yamanaka, C., see Asakawa, M. 375 (1996) 416
Yamanaka, C., see Ohigashi, N. 375 (1996) 469
Yamanaka, C., see Fujita, M. . . . . 375 (1996) ABS 14
Yamazaki, J., see Hama, H. 375 (1996) 32
Yamazaki, J., see Kimura, K. 375 (1996) 62
Yamazaki, T., see Yokoyama, M. 375 (1996) 53
Yamazaki, T., see Ohgaki, H. 375 (1996) 128
Yamazaki, T., see Ohgaki, H. 375 (1996) 602
Yamazaki, T., see Hayakawa, K. . . . . 375 (1996) ABS 25
Yamazaki, Y., see Fujita, M. . . . . 375 (1996) ABS 14
Yamazaki, Y., see Hayakawa, K. . . . . 375 (1996) ABS 25
Yang, T., W. Zhou, S. Fu, X. Shi, Y. Ma, Y. Shi and W. Liu, Progress in the injector for FEL at CIAE . . . . . 375 (1996) ABS 77
Yarovoi, T.V., see Varfolomeev, A.A. 375 (1996) 352
Yasuda, E., see Asakawa, M. 375 (1996) 416
Yasuda, E., see Fujita, M. . . . . 375 (1996) ABS 14
Yasumoto, M., see Kobayashi, A. 375 (1996) 317
Yasumoto, M., see Tomimasu, T. 375 (1996) 626
Yasumoto, M., see Okuma, S. 375 (1996) 654
Yeremian, A.D. and R.H. Miller, Next linear collider test accelerator injector upgrade . . . . . 375 (1996) ABS 78
Yokoo, K., see Ishizuka, H. 375 (1996) 116
Yokoyama, M., M. Kawai, K. Yamada, N. Sei, S. Hamada, S. Sugiyama, H. Ohgaki, T. Mikado, T. Noguchi, R. Suzuki, M. Chiwaki, T. Ohdaira and T. Yamazaki, Study of stored current limitation on the storage ring NIJI-IV 375 (1996) 53
Yu, J., see Zhao, K. 375 (1996) 147
Yu, L.H., see Freund, H.P. 375 (1996) 304
Yu, L.H., see Solomon, L. . . . . 375 (1996) ABS 63
Yu, L.-M., see Peremans, A. 375 (1996) 657
Yurkov, M.V., see Dolbilov, G.V. 375 (1996) 100
Yurkov, M.V., see Saldin, E.L. 375 (1996) 241
Yurkov, M.V., see Brefeld, W. 375 (1996) 295
Yurkov, M.V., see Saldin, E.L. 375 (1996) 336
Yurkov, M.V., see Saldin, E.L. 375 (1996) 385
Yurkov, M.V., see Saldin, E.L. 375 (1996) 389
Yurkov, M.V., see Saldin, E.L. 375 (1996) 606

Zako, A., see Kobayashi, A. 375 (1996) 317
Zako, A., see Tomimasu, T. 375 (1996) 626
Zako, A., see Miyauchi, Y. . . . . 375 (1996) ABS 42
Zako, A., Y. Miyauchi, A. Koga and T. Tomimasu, A hybrid type undulator for far infrared FELs at the FELI . . . . 375 (1996) ABS 80
Zanadvorov, N.P., see Zhulin, V.I. . . . . 375 (1996) ABS 83
Zangrando, D., see Walker, R.P. 375 (1996) 252
Zhang, B.C., see Zhao, K. 375 (1996) 147

Zhang, L., see Wang, M.C. 375 (1996) 143
Zhang, T.B. and T.C. Marshall, Electron orbits in the microwave inverse FEL accelerator (MIFELA) 375 (1996) 515
Zhang, T.B. and T.C. Marshall, A microwave inverse Cherenkov accelerator (MICA) 375 (1996) 614
Zhao, K., R.L. Geng, L.F. Wang, B.C. Zhang, J. Yu, T. Wang, G.F. Wu, J.H. Song and J.E. Chen, Design and construction of a DC high-brightness laser driven electron gun 375 (1996) 147
Zheng, W.Q., see Glotin, F. 375 (1996) 558
Zheng, W.Q., see Peremans, A. 375 (1996) 657
Zhou, W., see Yang, T. . . . . 375 (1996) ABS 77
Zhu, J., see Wang, M.C. 375 (1996) 143
Zhulin, V.I. and N.P. Zanadvorov, Theoretical analysis of advanced schemes for free electron laser with a large μ_c . . 375 (1996) ABS 83
Zhulin, V.I., Deliberate misalignment in free electron lasers with a hole coupling . . . . . 375 (1996) ABS 85
Zotova, I.V., see Ginzburg, N.S. 375 (1996) 553